

CHEMIST and DRUGGIST

JUNE 26, 1943

The



CHEMIST AND DRUGGIST

for RETAILER - WHOLESALE - MANUFACTURER

Established 1859

28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

D. 3307
L. CXXXIX

JUNE 26, 1943

Annual Subscription (with
Diary) 25/- Single Copies 9d.

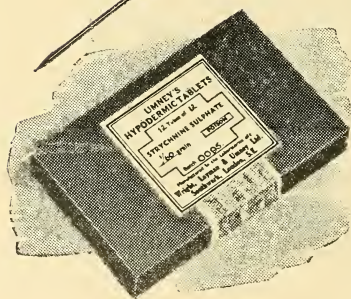


For more than sixty years it has been the Lilly Policy to make products of the highest quality—to improve old products and create new ones to meet the changing needs of the medical profession, and to distribute these products only through professional channels

ELI LILLY AND COMPANY LIMITED
BASINGSTOKE, HANTS

FOR THE RAPID PREPARATION OF solutions FOR injections

UMNEY'S HYPODERMIC TABLETS



Every possible precaution is taken at each stage of production to ensure that Umney's Hypodermic Tablets reach the highest standards of purity for hypodermic injection.

Only the purest drugs are used. Packing is in sterilised tubes, solubility is rapid and complete, accurate dosage is assured.

WRIGHT LAYMAN & UMNEY LTD

44-50 SOUTHWARK STREET · LONDON · SE1

TRADE



MARK



Not more than

Once a month, please

One of our war time aims is to reduce deliveries—to not more than one a month. We need your help in planning this.

It may not be "Monsanto Service" as we have been glad to give, and you have been accustomed to receive; but it will save transport, clerical work, paper and time—both yours and ours.

Our objective may be interfered with. Although you may prefer fewer but larger consignments, limitations of materials may compel split delivery. That is unavoidable. But our aim is to telescope all operations we can without hampering your part or our part in the National Effort.

Monsanto

CHEMICALS LIMITED

RUABON • WREXHAM • DENBIGHSHIRE • • • Tel.: RUABON 3191.

A Profit Maker



in constant demand

... and supplies are available

Present conditions are increasing the demand for Snowfire Ointment. With the ever growing amount of manual work in hand, minor injuries are much more common. Therefore, because it is antiseptic AND healing, Snowfire Ointment is of particular value today. And the demand is increased by the extensive advertising. London evening newspapers,

provincial dailies and weekly illustrated publications are carrying Snowfire Ointment advertisements. Benefit from sales-making conditions by stocking Snowfire Ointment NOW.

HEALS cuts, burns, scalds, scratches, inflammation.

IN JARS retailing at **1/-**
(including Purchase Tax)

F. W. HAMPSHIRE & CO. LTD., MANUFACTURING CHEMISTS, SUNNYDALE, DERBY.

Have all your customers
a tin of

EVANS DERMAL POWDER



Evans Dermal Powder (E.D.P.) is an ideal antiseptic first aid dressing for minor wounds and should be in every home. It promotes rapid healing, reduces the risk of infection and is painless on application.

E.D.P. can be recommended with confidence to sufferers from sore feet.

Retail	per sprinkler tin	-	Standard size 2/- (inc. tax)
			Hospital size 6/8 " "

MEDICAL **EVANS** SUPPLIES

EVANS SONS LESCHER & WEBB LTD.
Liverpool and London

KERFOOTS BACTERIOLOGICAL SUGARS

Prepared under ideal conditions which ensure the utmost possible degree of chemical purity.



ARABINOSE	DULCITOL
INULIN	GALACTOSE
LACTOSE	MALTOSE
DEXTRINE	(Precip. Starch Free)
DEXTROSE	(Cryst. Anhydrous)
MANNITOL	RAFFINOSE
SACCHAROSE	SORBITOL

Thomas Kerfoot & Co. Ltd., Vale of Bardsley, Lancashire

K12a

PROMOTES DEEP
REFRESHING
SLEEP

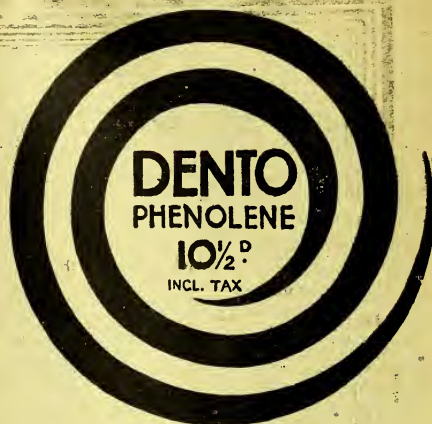
Castbury's
BOURN-VITA
NEEDS NO SUGAR

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(continued overleaf)



Order your requirements NOW!

6/3 per dozen less discount

6 dozen parcel less 5% & 2½%

16 „ „ „ 10% & 2½%

F. C. CALVERT & CO. LTD., MANCHESTER, 11

SPIRONINE

THIS preparation is a stable elixir containing in each fluid drachm a compound of caffeine and iodine, equivalent to approximately ½ grain of caffeine alkaloid together with the soluble constituents of 7½ grains of coffee. Spironine is indicated for the relief of asthma, and for the prevention of resulting chronic respiratory and cardiac disturbances. It is palatable, readily tolerated and quite harmless. Spironine is being advertised to the medical profession, and pharmacists will be well advised to keep an adequate stock in readiness for all demands.

PRICES:

Bottle of 2½ fluid oz. Wholesale per dozen 20/- plus tax 3/9 per doz.
Retail 2/9

Bottle of 5 fluid oz. Wholesale per dozen 36/- plus tax 6/- per doz.
Retail 5/-

ALSO IN BULK.



THE BRITISH DRUG HOUSES LTD. LONDON N.1

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The public will buy **URILLAC**
where they see it!

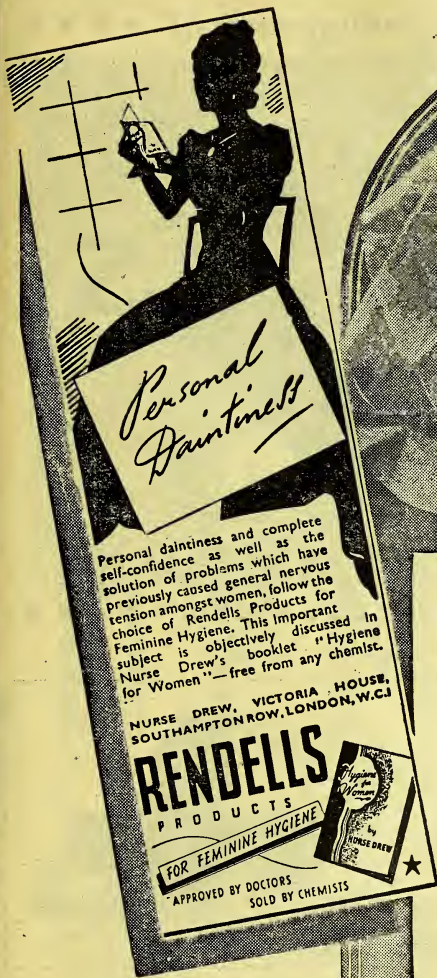


Therefore prominent counter display of Urillac at the point of sale is essential if you wish to reap the benefit of the Urillac advertising appearing regularly in your local press.

On the **P.A.T.A.** protected list



THE URILLAC COMPANY LTD. RAWDON · LEEDS



Personal daintiness and complete self-confidence as well as the solution of problems which have previously caused general nervous tension amongst women, follow the choice of Rendells Products for Feminine Hygiene. This important subject is objectively discussed in Nurse Drew's booklet "Hygiene for Women"—free from any chemist.

NURSE DREW, VICTORIA HOUSE,
SOUTHAMPTON ROW, LONDON, W.C.1

RENDELLS
PRODUCTS

FOR FEMININE HYGIENE

APPROVED BY DOCTORS
SOLD BY CHEMISTS

★



Be guided by NURSE DREW

Every woman knows the familiar face of Nurse Drew. Women's magazines, national newspapers and periodicals of every kind carry Rendells announcements regularly. Display Rendells show material prominently and share in the wide-spread demand for Rendells products.

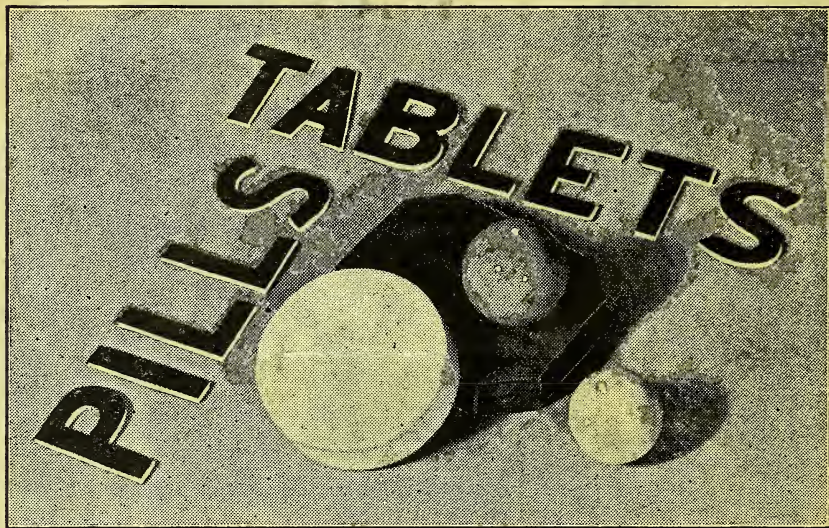
Rendells

PRODUCTS

FOR FEMININE HYGIENE

P.A.T.A.

• • • • Specialists in the manufacture of • • • •



• • • • ARTHUR H. COX & CO. LTD. BRIGHTON • • • •

GRINDERS

The best way to ensure satisfaction in grinding is to call in Porteus. Not only do they know exactly what is required, but they can and do invariably advise on the very best type for the job in hand. Lengthy experience in design and construction is at your service—why not write now?



GEORGE PORTEUS & SONS (LEEDS) LIMITED
LEEDS BRIDGE WORKS *Provenier Milling Specialists* LEEDS 10

1554

LABELS

CARILLON PRESS Ltd BOURNEMOUTH

Artists in the Production of Fine Labels

Medical and Dispensing Labels, Toilet, Cosmetic and Perfume (attractive two-colour 50-60 wordings), Shampoo Powder Envelopes and Inners, also Saccharin Tablet Envelopes (new wording), with name and address.

NEW REGULATIONS—Send 6d. for complete sample range.

ALWAYS ON HAND FOR THE GROWING DEMAND



RETAIL
PRICE 1/3

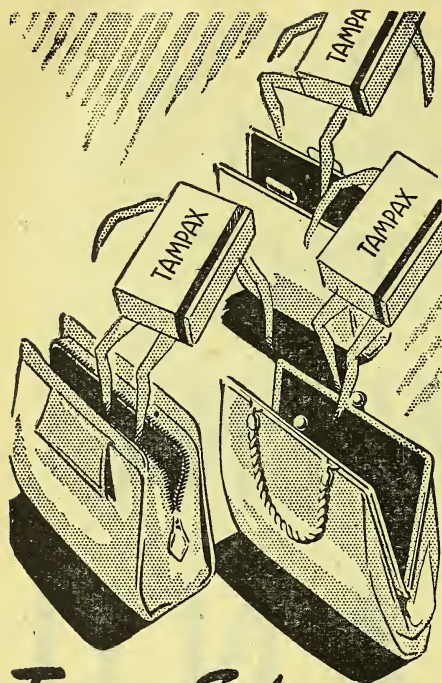
When your customers ask for a certain product it must be a pleasure in these days to be able to say "Yes, sir, we have it!" Men learned long ago how easily and quickly Macleans Shaving Cream softened the beard, how much it improved shaving. And they are happy to know that in a world of shortages, they can still get their favourite Shaving Cream.

**GET IN A GOOD STOCK OF IT.
PUT YOUR ORDER THROUGH TO-DAY.**

You won't be disappointed. Neither will your customers. Macleans Shaving Cream is a reliable product, with reliable sales, and it is in reliable supply.

Please note that orders can be accepted only in 3 dozen lots and multiples.

MACLEANS LTD., GREAT WEST ROAD, BRENTFORD, MIDDLESEX
Tele.: Ealing 6616 Wires: Macleans, Brentford



Tampax Sales are more than lively!

Personal recommendations and consistent advertising are bringing new business for Tampax every week. And new Tampax business means two things—both acceptable to the dealer in these days. Every sale starts a steady *repeat* demand. And every customer who comes in for Tampax usually goes out with other purchases as well!

TAMPAX TRADE TERMS **PATA PRICES)**

Pkts. of 3. Wholesale 5/3 doz. Retail 7d. pkt.
 " " 10. " 15/9 " " 1/9 "

Manufactured in England by

Tampax Limited, Belvue Road, Northolt, Middx.

Sole Distributors: **SPLENDOR LTD.**, 5 Beasmarket Hill,
 Nottingham, & 7c Lower Belgrave Street, London, S.W.1

ZEAL

Clinicals

The Choice
of Experts

BRITISH
MADE

NO HIGHER
IN PRICE THAN
NONDESCRIPT
MAKES

Also Household, Bath
and Works Thermometers,
the best of their kind



G. H. ZEAL LTD.
 LOMBARD RD., MORDEN RD.,
 LONDON, S.W.19
 Phone: Liberty 2283-4-5





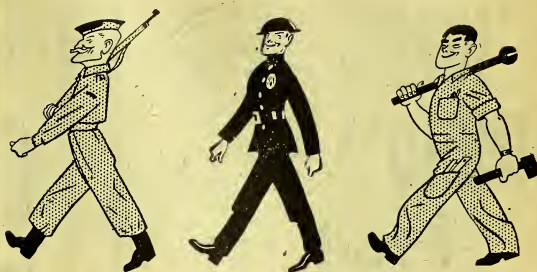
BOUGHT ON DISPLAY TERMS YIELD
 PROFIT ON:—

SELLING PRICE	BUYING PRICE
39%	63.6%

Eucryl Tooth Paste has an increasing Sale.

EUCRYL LTD.

SOUTHAMPTON

BUNION REDUCERS**ZINO PADS****TARSO PADS****BUNION PROTECTORS****FELT PADS****2-DROP CORN REMEDY****TOE-FLEX****BUNION LOTION**

*Civilian
defence*

The feet of the men in the fighting services receive every care. Very naturally. But the civilian is also an important cog in the war machine, and the increase in foot ailments—especially among war workers—is already a matter for concern.

By advertising in the National Press including *Times* and *Punch* we at Scholl have been suggesting that more attention should be given to foot troubles.

But you can broaden the service and help us do even better work, if you will take up Scholl Foot-Aids. Prominently displayed, they will catch the eyes of workers who have no time for lengthy treatment—but require quick relief from pain. A word from you, too, about skilled aid might help many a worker to 'stand up to it' in the long fight ahead. During the next fortnight supplies of products listed here are available. Write now.

'SURE SHIELD'



Products

Due to shortage of supplies, combined with the curtailment of our staff, we wish to assure our many trade friends that we are using every effort to maintain an equitable distribution of our Products.

Please Note

- 1st. All Orders are forwarded in strict rotation, and we are now TEN weeks behindhand in delivery.
- 2nd. Due to the position, all additions can only be treated as separate orders.
- 3rd. When writing with reference to an order on hand, please give *exact date* when sent on.

"SURE SHIELD"

Registered Trade Mark

IODISED THROAT TABLETS
FRUIT LAXATIVES

GLYCERINE OF THYMOL
PASTILLES

PASTILLES · LOZENGES
TABLETS

Thos. Guest & Co. Ltd. *Manufacturing Chemists*
Carruthers Street, Manchester, 4

Don't run out of
CURICONES
before re-ordering

Your wholesaler
is very short of staff
and cannot attend to
orders as promptly
as previously.

Remember he is as
short-handed as you.

NOW only 2 sizes

CURICONES

Small Size **5/-** Large Size **24/-**

P.A.T.A. line showing 33 $\frac{1}{3}$ % profit

ORDER THROUGH YOUR
USUAL WHOLESALER

STEPHEN MATTHEWS & CO., LTD
19-21 Farringdon Street, London, E.C.4

SPECIALISTS IN THE MANUFACTURE OF

TABLETS & PILLS



SINCE

1860

Also... AMPOULES · EMULSIONS · EXTRACTS
INFUSIONS · OINTMENTS · SUPPOSITORIES.
PROPRIETARY AND OWN FORMULA PILLS AND TABLETS

*We invite enquiries from Wholesalers and Exporters for all
classes of Pharmaceutical Preparations in bulk or packed*

RICHARD DANIEL & SON, LTD., DERBY.
TELEPHONE: DERBY 4266/7/8 TELEGRAMS: DANIA DERBY

“ANGLIAN”  **“NORVEX”**

SURGICAL DRESSINGS SANITARY TOWELS

Write **CROSSKILLS' of NORWICH**

PHONE
209 54

EXTENSIVE STOCKS

::

PROMPT SERVICE

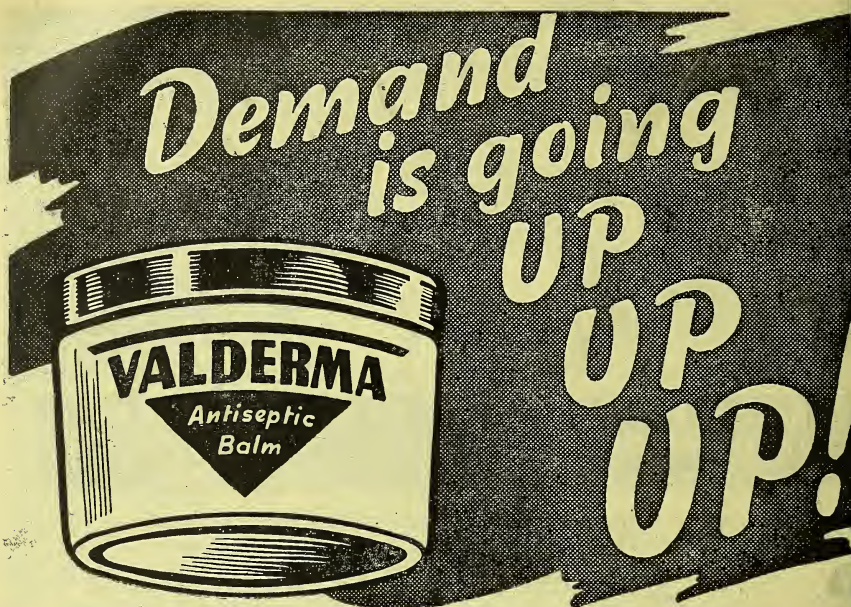
FOR SCIENTIFIC AND MEDICAL GLASSWARE OF SUPERLATIVE QUALITY

FRANCO-BRITISH

ELECTRICAL CO. LTD.

FIRTH STREET GLASSWORKS
LEEDS 9





.... HANDSOME PROFITS FOR YOU

.... ORDERS FILLED PROMPTLY

An entirely new kind of antiseptic ointment. In accordance with latest clinical research. Contains non-irritating antiseptic in a modern emulsified base.

Comparative tests by the U.S.A. 'Agar Plate' method show germicidal qualities far superior to Carbolic Ointment, Boric Ointment and others,

tested on B. Coli, B. Megatherium, Streptococcus Faecalis and Staphylococcus Albus.

White, agreeable to use, soothing. Won't stain linen. Invisible on skin. Recommended for pyogenic infection of the skin—impetigo, barber's rash etc. For spots, minor cuts and wounds common skin troubles.

DAE HEALTH LABORATORIES LTD.
25/27 BERNERS ST., LONDON, W.1

Sold in one size only,

a jar, retailing 1/9½d. each

Purchase Tax 16 2/3% 2½d. each

Price to public including tax 2/0d.

Terms to retailers 15/- a dozen. Purchase tax 2/6d. per dozen. 5% for cash with order. (Minimum direct order 3 dozen.)

**BIG
NATIONAL
ADVERTISING**

SHOW MATERIAL SENT WITH EVERY ORDER

"National" Dispensing Bottles

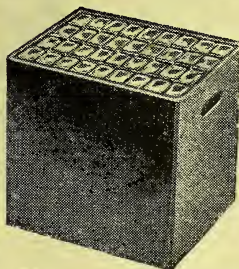
are Strong, Serviceable and Sure-sealing !

NEATLY PACKED IN 6 DOZEN
RETURNABLE CARTONS

- ★ CONVENIENT IN SIZE
- ★ EASY TO HANDLE
- ★ UNIFORM IN QUALITY

ALSO . . . Cork mouth bottles
WASHED & PAPERED
Screw mouth Bottles
WASHED AND CAPPED

SCREW CAPS SUPPLIED in
WHITE-ENAMELLED METAL



Vials

of "NATIONAL" quality

Ranging in size $\frac{1}{2}$ oz. up to 3 oz.
Plain or teaspoon graduations
Medium and tall types

MANUFACTURED IN BEST QUALITY
WHITE FLINT, AND PACKED IN
RETURNABLE CARTONS



*Restrictions outside our control, may
not allow us to meet every requirement*

National Glass Works (York) Ltd.

Works: FISHERGATE, YORK
Telephone: York 3021

London Office: 105 HATTON GARDEN, E.C.1
Telephone: Holborn 2146

WHOLESALE ONLY



This machine, besides sifting and mixing powders to perfection, incorporates an automatic sprayer for either replacing lost moisture, adding flavour or perfume, or securing uniform tinting. It does its job efficiently, rapidly and economically.

GARDNERS Patent 'RAPID' SIFTER, MIXER & ESSENCE SPRAYER

WM. GARDNER & SONS (GLOUCESTER) LTD.,
GLOUCESTER Telephone: 2288 (3 lines).

LONDON: 19 Grays Inn Chambers, 20 High Holborn, W.C.1.
Telephone: Chancery 7347.

FLORAL COMPOUNDS

and synthetic essential oils of superfine quality and highest concentration for the retail manufacturer.
Price List and FREE SAMPLES
by return of post from

PARK LANE ENTERPRISES, LTD.
71 Hounds Gate, Nottingham



THE
"MATER"
CLINICAL REGD.
The position of the Mercury column is at once perfectly plain. Red markings above 99.4.

**ALL TYPES OF
CLINICAL
AND OTHER
THERMOMETERS**

**PERKEN, SON
& CO. LTD.**
(ESTABLISHED 1852)
Price List on Application
**8 HATTON GARDEN,
LONDON, E.C.1**
Telephone: 0724 Holborn
Telegrams: "Ophmus. Smith, London"

Messrs. CHEMO-PLASTICS, LTD.

17 Manchester Square, London, W.1

wish to point out a regrettable error in price in their last advertisement. The retail price of Dabitoff should have appeared as 1/9 per bottle instead of 2/2 as shown.

MILLAMALT

The VITAMIN
MALT FOOD

With Guaranteed Complement of Vitamins A, B, C & D

Sole Manufacturers.
JEFFREYS, MILLER & Co. Ltd. Leyland Mills, WIGAN. London Dept. 19 Brookside Road, N.19

FRAGRANT TONIC HAIR CREAM

"Makes the hair behave"

Prepare your own supplies of this high grade cream, easy to make up, costs less than 2d. per oz. All materials available, also Bottles, Screw Caps, Corks and smart Gold Seal labels. Send stamp for List.

BRICCS LTD.

4 Cavendish Place, London, W.1. Langham 1183

Teething

Mothers are always grateful if you recommend



*Supplies still available
Enquiries are invited*

JOHN H. SMITH & CO
WHOLESALE AND
MANUFACTURING CHEMISTS
BRIDGE STREET
NEWARK - ON - TRENT

DRURY'S

INFANTS' PRESERVATIVE

The safest and most reliable remedy for Cramping Pains. Wind, Restlessness and other distressing complaints.

Potter's



Asthma Cure...

Price 2/2 per tin
(Including Tax)
Wholesale 18/- per doz.
(Packed in half doz.)
Plus 3/- per doz. Tax

AN ESSENTIAL LINE FOR EVERY CHEMIST THIS WINTER.
THIS WIDELY KNOWN AND RELIABLE REMEDY HAS WON
THE APPROVAL OF THE PUBLIC... A GOOD LINE FOR YOU!!

POTTER and CLARKE LTD

60-64 Artillery Lane, LONDON, E.1
77 Dantzic Street. MANCHESTER, 4

'Phone: BISHopsgate 4761 (6 lines)
'Phone: BLACKfriars 8734

"Work of National Importance"

These words dominate our lives today. In helping asthmatics to overcome their disability, Dō-Dō Tablets are performing a work of national importance. In seeing that supplies are distributed to the utmost advantage, the Chemist is playing his essential part.



30 TABLETS $3/4$ Trial Size, 7 FULL DOSES $1/1\frac{1}{2}$
INCLUSIVE OF PURCHASE TAX

INTERNATIONAL LABORATORIES LTD.
CHARLBURY, OXFORD. Charlbury 29

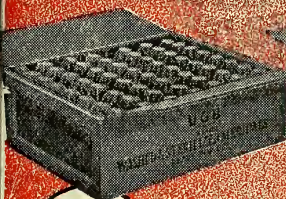
**GREATER
THAN EVER IS THE
DEMAND FOR**



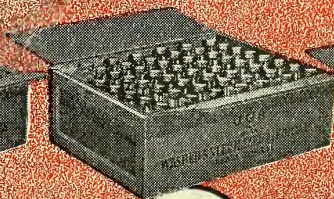
**PERFECTED
WHITE
CAP**

U.G.B.

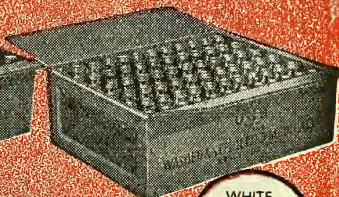
MEDICAL BOTTLES



**CORK
MOUTH**



**WHITE
ENAMELLED
METAL
SCREW-CAP**



**WHITE
KORKALITE
MOULDED
CAP**

**WASHED AND STERILISED
—READY FOR USE—
THE IDEAL
DISPENSING BOTTLE
IN ANY EMERGENCY**

UNITED GLASS BOTTLE

MANUFACTURERS LTD.

*The Largest Manufacturers of Glass Bottles
in Europe*

8 LEICESTER STREET, W.C.2

Telephone: GERard 8611 (10 lines)
Unglaboman, Leasquare, London

Home grown **GREEN EXTRACTS**



BELLADONNA, HENBANE Etc.

EXT. BELLADON. VIRIDE, B.P.C.
EXT. BELLADON. VIRIDE, B.P. 1898.
EXT. BELLADON. PULV., B.P.
EXT. HYOSCYAMI VIRIDE, B.P. 1898.
EXT. HYOSCYAMI PULV., B.P.
EXT. HYOSCYAMI VIRIDE, 1st year



HARVESTING HENBANE ON OUR SUFFOLK FARM

StaffAllens

STAFFORD ALLEN & SONS LTD. WHARF RD., LONDON, N.1 Phone: Clerkenwell 1000 (7 lines)

INTERNATIONAL CHEM. CO. LD.

REVISED CONTENTS OF STANDARD PARCELS

OWING to shortage of labour and packing materials (and in order to comply with the Government's demand for utmost economy), we have been compelled to restrict the direct supply of our four main products to pre-packed parcels only. To meet the requests of a number of our customers, we have recently revised our original parcels to the contents shown below. Retailers requiring assortments other than these can obtain from their Wholesalers.

The minimum for a direct order remains at £5, which can be made up by parcel 'A'; or by any two of parcels 'B' to 'O'; or by any one of 'B' to 'O' plus a selection of our other preparations, such as Alkia Saltrates, Bisuroids, Nemakol and Nemolin. Toilet lines may also be included to the value of your quota.

Co-operation allowances: On orders of £5.....7½% £10.....10%

A	1 doz. 1/5 Bismag Powder	...	12 0
	½ " 2/10 " "	...	12 0
2	" 1/5 " Tablets	...	1 4 0
1	" 2/10 " "	...	1 4 0
1	" 1/9 Pineate Honey Cough-Syrup	...	13 9
1	" 2/3 Limestone Phosphate	...	18 0
1	" 1/5 Freezone Corn Remover	...	11 3
			<u>£5 15 0</u>
	Purchase Tax on all goods and		
	on bonus		1 1 1
			<u>£6 16 1</u>

B	3 doz. 1/5 Bismag Powder	...	1 16 0
1	" 2/10 " "	...	1 4 0
			<u>£3 0 0</u>
	Purchase Tax on above and on		
	bonus		11 8
			<u>£3 11 8</u>

C	3 doz. 1/5 Bismag Tablets	...	1 16 0
1	" 2/10 " "	...	1 4 0
			<u>£3 0 0</u>
	Purchase Tax on above and on		
	bonus		11 8
			<u>£3 11 8</u>

D	1 doz. 1/5 Bismag Powder	...	12 0
2	" 1/5 " Tablets	...	1 4 0
1	" 2/10 " "	...	1 4 0
			<u>£3 0 0</u>
	Purchase Tax on above and on		
	bonus		11 8
			<u>£3 11 8</u>

E	1 doz. 1/5 Bismag Powder	...	12 0
½	" 2/10 " "	...	12 0
2	" 1/5 " Tablets	...	1 4 0
½	" 2/10 " "	...	12 0
			<u>£3 0 0</u>
	Purchase Tax on above and on		
	bonus		11 8
			<u>£3 11 8</u>

F	1 doz. 2/10 Bismag Powder	...	1 4 0
1½	" 2/10 " Tablets	...	1 16 0
			<u>£3 0 0</u>
	Purchase Tax on above and on		
	bonus		11 8
			<u>£3 11 8</u>

H	1½ doz. 1/5 Bismag Powder	...	18 0
3	" 1/5 " Tablets	...	1 16 0
			<u>£2 14 0</u>
	Purchase Tax on above and on		
	bonus		10 6
			<u>£3 4 6</u>

J	2 doz. 1/5 Freezone Corn		
	Remover	1	2 6
1	" 2/3 Limestone Phosphate	...	18 0
1	" 1/9 Pineate Honey Cough-Syrup	...	13 9
			<u>£2 14 3</u>
	Purchase Tax		9 0
			<u>£3 3 3</u>

K	This parcel containing 'Pineate' Honey Cough Syrup suspended during the summer months.		
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L	6 doz. 1/5 Freezone Corn		
	Remover	3	7 6
	Purchase Tax		11 3
			<u>£3 18 9</u>

N	2 doz. 1/5 Freezone Corn		
	Remover	1	2 6
2	" 1/9 Pineate Honey Cough-Syrup	...	1 7 6
			<u>£2 10 0</u>
	Purchase Tax		8 4
			<u>£2 18 4</u>

O	3 doz. 2/3 Limestone Phosphate	2	14 0
	Purchase Tax		9 0
			<u>£3 3 0</u>

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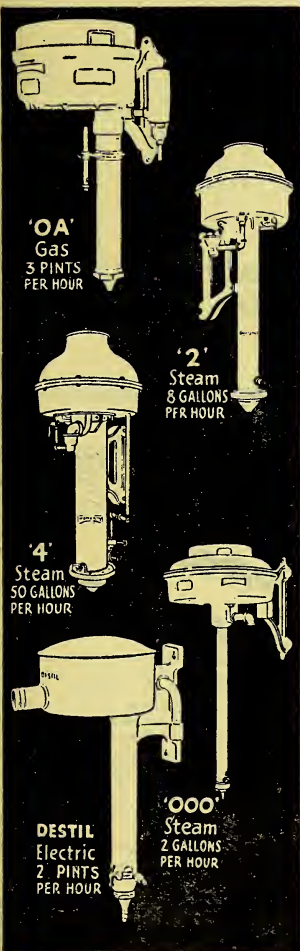
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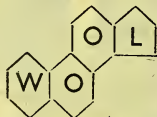
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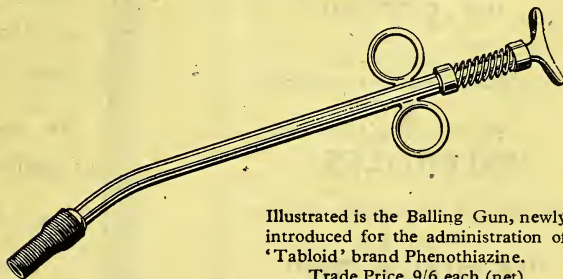
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NEWS OF THE WEEK

Soft Drinks Code.—Orders on soft drinks have been consolidated into a single "Soft Drinks Order, 1943," by the Minister of Food. The single document thus forms a soft drinks code. The Order comes into effect on June 27 in respect of sales by manufacturers and on July 31 in respect of other sales.

Welfare Foods in Institutions.—The Ministry of Food announces that institutions in which children under five or expectant mothers are resident are eligible for registration under the Ministry's welfare foods scheme. Cod liver oil will be obtainable for consumption by eligible inmates of registered institutions at 10d. per bottle or 17s. 6d. per gallon can, and orange juice at 5d. per bottle. Operation of the scheme for registered institutions dates from June 27. Arrangements are also made for part payment of the cost of liquid and dried milks. Full information is to be had from local Food Offices.

Priority for Blackcurrant Purée.—An announcement by the Ministry of Food makes it clear that blackcurrant purée and syrup will continue to be distributed through chemists and reserved for children up to the age of sixteen, invalids, and those in special need of additional vitamin C. In order to do this, priority supplies of blackcurrants will be given to the manufacturers of purée and syrup as in the past two years, and the remainder of the crop will be used for the manufacture of jam.

Pyrethrum Supplies for Food Concerns.—Arrangements are now being made by the Ministry of Food for an equitable distribution of existing stocks of pyrethrum among the food-producing and food-using industries. As soon as these have been completed, the various trades will be notified. At the present time all stocks, which are mainly in the hands of the usual distributors and firms engaged in pest-control operations, are frozen.

British Pharmaceutical Conference.—The programme has been arranged as follows: July 29: 9.30 a.m., Opening meeting at the Waldorf Hotel, Aldwych, London, W.C.2; 11 a.m., science session; 1 p.m., luncheon; 2.15 p.m., science session; 4.30 p.m., tea; 5 p.m., business meeting.

Meeting of Statutory Committee.—The Statutory Committee of the Pharmaceutical Society will meet at 2 Bloomsbury Square, London, W.C.1, at 2 p.m. on July 7, to consider information and evidence received by the Committee from which it appears that two members were convicted of unlawfully using instruments to procure the miscarriage of women; that a member was convicted of selling goods in excess of the controlled price; and that a member was convicted of offences under the Dangerous Drugs Regulations.

National Association of Women Pharmacists.—The officers and committee for the year 1943-44 are: *President and Employment Secretary*, Miss M. C. Islip; *Vice-president and Secretary*, Miss C. Mozley-Stark, 38 Pollards Hill East, London, S.W.16; *Treasurer*, Mrs. F. E. Roberts; *Assistant Secretaries*, Misses E. F. Hayward and V. Burrell; *Assistant Employment Secretary*, Miss E. M. Brighten, The Moat, Sandy Lodge Road, Moor Park, Rickmansworth; *Assistant Treasurer*, Mrs. M. A. Pratt; *Publications Officer*, Miss D. M. Jones; *Committee*, the officers with the Misses V. Anderson, E. B. Blundell, F. M. Harvey, E. Hodgkinson, and G. Milner, and Mrs. H. Skinner. At the annual meeting the number of members of the committee was increased from twelve to fifteen.

Export Licensing Order.—Under the Export of Goods (Control) (No.6) Order, 1943 (S.R. & O. 1943, No. 842), which comes into force on July 5, licences will be required to export the following, among other classes of goods, to all destinations: Anethol, gold compounds, oxalic acid, phloroglucinol, platinum compounds and sodium hydrosulphite (sodium hyposulphite). The extension of control to spectacle lenses and blanks has been effected by superseding the existing licensing requirements with respect to (a) glass, optical and optical elements; (b) optical instruments and (c) spectacles (including sunglasses) by the provisions that licences will be required to export: (a) Glass, optical, and optical elements whether finished or not, as specified in the lists published by the Board of Trade under the Safeguarding of Industries Act, 1921, as amended and

extended; (b) optical instruments as specified in the lists issued by the Board of Trade under the Safeguarding of Industries Act, 1921, as amended and extended, and parts of such instruments; (c) spectacles (including sunglasses), spectacle frames and parts thereof and spectacle lenses and lens blanks. The existing licensing requirements with respect to (d) copper aceto-arsenite (Paris green) and copper sulphate; (e) insecticides, fungicides, weed-killers, animal dips and disinfectants; (f) radium compounds and (g) silver nucleinate and silver proteinate are superseded by the provisions that licences will, in future, be required to export the following: (d) Copper compounds; (e) insecticides, fungicides, weed-killers, animal dips and disinfectants containing arsenic compounds, chlorinated naphthalenes, copper compounds, cyanides, fluorides, metaldehyde, nicotine or its salts, petroleum oils, pyrethrum or its extracts, resins, rosin (colophony) liquid rosin (tall oil), silicofluorides, sulphides or sulphur; (f) radium and mesothorium compounds (including such compounds contained in radium cells, needles, plaques and tubes) and mixtures containing any of these compounds; (g) silver compounds.

Ulster Golf.—At Balmoral Golf Club, Belfast, on June 16, the Ulster Chemists' Golfing Association played off a strokes competition for prizes (savings certificates) presented by Thomas McMullan & Co., Ltd., Belfast. The results were: *First* (two certificates), Mr. R. B. Boyle, Ph.C., Newtownards, co. Down (17, 72); *Second* (one certificate), Mr. R. B. Quiry (20, 73). Mr. W. J. McCutcheon, Ph.C., occupied the chair at an informal meeting held after the competition, when it was announced that if possible next year's competition would be a whole-day affair. Mr. A. STEDE, Ph.C., proposed a vote of thanks to the council of the Club for the use of the course, and to Messrs. McMullan for their interest. Mr. R. B. QUIRY replied on behalf of Messrs. McMullan. Mr. JAMES McCLENAHAN, Ph.C. (secretary) presented the prizes. and Mr. J. R. GUILDER announced that from the proceeds of the competition he would be able to send a substantial contribution to the Missions to Seamen in aid of the Pollock Dock Canteen. The amount realised (£8) was larger than in the previous year. Donations had been received from the presidents of the Pharmaceutical Society of Northern Ireland (Mr. H. F. Moore, Ph.C.) and of the Ulster Chemists' Association (Mr. P. R. W. Shinner, Ph.C.).

TOPICAL REFLECTIONS

The Unqualified

Recent discussions in Yorkshire (p. 634) and the thoughtful letter of Mr. F. T. Holland (p. 639) indicate attention to post-war planning on practical lines. Some of the ground traversed has been explored before; the pages mentioned are, however, none the less worth reading. In this paragraph I must confine my comment to a single point: what is to become of the unqualified—proprietors and assistants? Several years ago I heard a president of the Pharmaceutical Society (whether during his year of office or not I do not remember) refer to the position of drug stores in relation to pharmacy as "this sore." Drug stores and the shops of herbalists are conducted by people some of whom have served a regular apprenticeship in pharmacy: there are therefore four classes to be considered. I suggest that it will be better to attack this problem at the next legislative opportunity rather than to let it drag on indefinitely. The chairman of the Sheffield Branch of the Pharmaceutical Society has made the concrete suggestion that the Society might recognise those of the unqualified—presumably the reference is to assistants as well as to proprietors—who have been regularly apprenticed, with the proviso that the list of such persons would be closed on a specific date. The Dentists Act of 1921 affords a precedent for this kind of procedure. I am not attempting to indicate how this or any similar plan should be carried out. While the regularly apprenticed are being dealt with, the other unqualified classes should also be considered. Either they would be given some kind of recognition, or they would be left to wander, Ishmael-like, through the world. Further, it may be that a *rapprochement* between the Pharmaceutical Society and the Society of Apothecaries of London is desirable to secure a more precise definition of the status of apothecaries' assistants.

Sixth B.P. Addendum

Your review of the Sixth Addendum to the British Pharmacopœia (p. 627) introduces an important series of official changes. Some of them have already been made by the issue of "Gazette" notices, and one (that for acetum scillæ) merely consolidates the emendations of two previous Addenda; but most of the innovations relate to ointments, and need study. During the six months allowed for the optional use of

original B.P. or Addenda formulas, confusion may easily arise: it is accordingly to be hoped that prescribers will carefully specify their requirements for any of these fifteen preparations. The formula for the new unguentum hydrargyri follows the United States Pharmacopœia in using oleated mercury and in general composition of the basis, but adheres to the original strength. The most radical innovation in this group is the introduction of an ointment of "wool alcohols," a substance containing not less than 28 per cent. of cholesterol. From this is prepared, by the addition of distilled water, a new unguentum aquosum, used in its turn as a basis. A footnote to the formula gives the somewhat ominous information that, on storing, some aqueous liquid may separate from this ointment and others containing it: we are informed, however, that the separated liquid, if any, can be readily re-incorporated by trituration. One foresees difficulties.

Early Herbals

The mention of the Leech Book of Bald (p. 638) raises the nice question whether a Saxon herbal can be ranked as an English herbal. Historians have not, I gather, concluded their dispute as to the date at which the Saxon kingdoms or provinces of this country were welded into a uniform system of government that may properly be styled national; and it is not for me to meddle with such high matters. In your Annual Special Issue of June 25, 1927, you made a reference to the scholarly translation of Saxon manuscripts made in 1864-66 by Oswald Cockayne; and five years earlier Mr. C. C. Bell gave a comprehensive account of the herbals (including some Continental ones) that originated about the same time as the Renaissance. In England the herbals of Rycharde Banckes and "The Grete Herball" ran each other close in date of publication, being assigned respectively to 1525 and 1526. The reading of such books has a considerable charm; but eventually one realises that, after all, they contain very little first-hand observation, and owe their store of learning mainly to Greek and Latin treatises. We can understand that in the first flush of enthusiasm for rediscovered classical authors the views of their medical authorities were received with almost superstitious reverence; the copying of those authors, however, goes back to Saxon and even to Arabian times. **Xrayer**

LEGAL REPORTS

Definition of "Liquid Soap."—At Kingston-on-Thames on June 16 the Standardised Disinfectants Co., Ltd., 34 Beaufort Road, Kingston, were summoned by the Ministry of Food for manufacturing soap without a permit or licence. Prosecuting counsel stated that the company had held a licence for the manufacture of soap, but had surrendered it in July 1942, informing the Ministry that they had discontinued the manufacture of liquid soap. It came to the notice of the Ministry in November last that the company were manufacturing a preparation named Zondo, which the prosecution alleged was a liquid soap. A Government chemist gave evidence that three samples of Zondo submitted had, 3.2, 3.4 and 3.7 per cent. soap contents and 2.8, 3 and 3.2 per cent. fatty acids. These brought the product within the definition of No. 2 Liquid Soap. The managing director of the company (Mr. R. J. H. Hope) said that the 3 per cent. fatty acid in Zondo was palm kernel, which was not under any sort of Government control, and was of no value for food or munitions. Zondo was sold only to factories as a hand-cleaner, and its use obviated the need for fatty acids for that purpose. Dr. C. B. Edwards (chemical and technical consultant to the defendant company) who invented the cleanser, said its cleansing basis was a hydrated colloidal clay. The palm-kernel acid, used as a wetting agent, was an uncontrolled waste product, and was not an essential ingredient in the cleanser. He contended that Zondo was not a liquid soap as defined by the Order, because the active ingredient was hydrated colloidal clay. The magistrates held that although the most important constituent in the product was colloidal clay there was soap in it, and they were compelled to convict. The company would be fined 20s., and there would be no order as to costs. Defending counsel indicated that the case might be taken to the High Court.

Unauthorised Lipstick Manufacture.—

Sufficient dyes to make 1,000 dozen gross of lipsticks were said to have been found on the premises of Ludwig Simon, aged fifty-five, a manager, Hillsbrough Court, London, N.W.6, who appeared on remand at Clerkenwell Police Court on June 16 with Sarah Ukase, aged fifty-two, a shopkeeper, Eton Place, London, N.W.3. They had been charged on June 9 with conspiring together to contravene the provisions of the Toilet

Preparations Order, 1942, but the case had been adjourned for the analyst to appear. Simon, an unregistered person, was also charged with unlawfully supplying controlled goods (lipsticks) in the manufacture of which he had carried out a process, otherwise than by retail and at premises where the process was carried out, and with supplying such goods without having the name and address of the manufacturer on the container or on a label. Ukase was charged with aiding and abetting these offences. Simon, a German, was stated to be the manager of a firm in Berners Mews, W.1. Ukase, a Russian, was in business as a wholesaler and retailer of chemists' sundries in the name of Kaits at 30 Camden High Street, N.W.1. Both were represented by Mr. Tarle (solicitor) and pleaded not guilty.

Ukase was interviewed by Scotland Yard officers at her place of business where they found fourteen half-gross boxes of lipsticks, unwrapped. A further thirty-two lipsticks, unlabelled but wrapped in cellophane, were also found. Ukase said she had bought the fourteen boxes from Simon that morning, and the thirty-two previously. She took the officers to Simon, who at first denied selling them to her; later he admitted the sale. On a bench in the corner of a room used as a laboratory a number of utensils and other articles were found which indicated that Simon had been manufacturing lipstick. Charles Daubeney (chief chemist to the Metropolitan Police Laboratory at Hendon) said that he had examined a bowl said to contain lipsticks and found at Simon's premises; the material was identical in composition with the thirty-two lipsticks found at Ukase's shop. Simon stated that he had never manufactured lipsticks. A Dr. Reich was doing research for war-time substitute materials. Apart from the lipstick material found in the bowl and the finished products in the possession of Ukase, no others had been made. Two other employees of Simon gave evidence that they had seen Dr. Reich wearing the white coat and mixing the lipstick material. The magistrate (Mr. W. J. H. Brodrick) found that there was no evidence on the conspiracy charge, but fined Simon £25 with 10 guineas costs on each of the two charges against him, and Ukase £5 on the second charge against her, with £3 3s. costs. Mr. Button made a formal application for the lipstick material on behalf of the Board of Trade, and this was granted.

APOTHECARIES' ASSISTANTS IN EIRE

A TEST case to determine whether a man holding a certificate as an "Assistant of the Apothecaries' Hall of Ireland" held a qualification legally entitling him to sell poisons was determined before District Justice F. J. Mangan in the Dublin District Court on June 18. The case was heard on summonses brought against Hayes, Conyngham & Robinson, Ltd., pharmaceutical chemists, 32 Upper Baggot Street, Dublin, and Cornelius Hickey (an assistant in the establishment) at the suit of Mrs. Gertrude Rutland (an inspector of the Pharmaceutical Society of Ireland). The company was summoned with a breach of Section 17 of the Pharmacy Act (Ireland), 1875, Amendment Act, 1890, in that on March 11, while lawfully keeping open shop for selling and retailing poisons, they did not personally manage or conduct such shop, or employ for the purpose as assistant or manager a duly registered chemist and druggist, registered druggist, pharmaceutical chemist, or licentiate apothecary. Cornelius Hickey was summoned for a breach of Section 30 of the Pharmacy Act (Ireland), 1875, in that, not being a person legally qualified in that behalf, he sold a poisonous vegetable alkaloid (codeine) contained in a preparation known as Veganin tablets. Mr. John J. Gaynor (solicitor) appeared for the Society.

Evidence of Purchase

Mrs. Rutland (the inspector for the Society) gave evidence of calling at Messrs. Hayes, Conyngham & Robinson's branch pharmacy at 32 Upper Baggot Street at 7.40 p.m. on March 11 and purchasing goods including a packet of Veganin tablets from Mr. Cornelius Hickey, whom she identified in Court. When she left the shop a second inspector outside (Mr. Patrick J. Cullen) entered. She heard him ask Mr. Hickey if he were qualified, and Mr. Hickey said he was. Mr. Cullen gave evidence of presenting a prescription to Mr. Hickey for powders and a draught, which he made up. Witness then told Mr. Hickey that he and Mrs. Rutland were both inspectors of the Pharmaceutical Society and asked who was the qualified man in charge, and he replied "Mr. Kerr." Asked if he himself were qualified he replied "I am." Mr. J. Kerr (Registrar, Pharmaceutical Society of Ireland) declared in evidence that Mr. Hickey was not a pharmaceutical chemist, a chemist and druggist, a registered druggist, or qualified assistant. He produced a

copy of the Medical Registers which showed that Mr. Hickey was not a Licentiate Apothecary. When a statutory letter was sent to the company they replied that Mr. Kerr was the qualified person in charge of the branch. Mr. Mason, in cross-examination of Mr. Kerr, suggested that it was doubtful if the qualified assistants of the Society had legal power to sell poison, and Mr. Kerr replied that the wording of the Section was "such assistants as shall pass such examination shall be competent to transact the business of a licentiate of the Pharmaceutical Society in his temporary absence, but shall not be entitled to conduct or manage a business or to keep open shop on their own account." The construction of that Section was a matter for the law courts. The Society had obtained convictions against Apothecaries' Hall assistants for selling poisons, but there never had been a test case against the Society's assistants.

Who Was the Seller?

Mr. Mason contended that the real seller of the poison was the firm in question and not Mr. Hickey. Mr. Gaynor replied that if that were so no person could be made amenable for selling poison illegally. In the original Apothecaries Act the certificate was to testify that a person had sufficient education to become a journeyman or apprentice, but the Apothecaries' Hall changed it without reference to the Act; the word "assistant" did not appear in the Apothecaries Act. The Justice said he must hold that the summonses were proved, and convict. Mr. Marshall said the position regarding his clients should therefore be stated in Court. Some years ago they had seven assistants who did not hold the Society's qualification. They wrote to each of them giving them one and a half years to take up the examination. They all accepted the firm's offer except Mr. Hickey, who wrote a letter saying that his qualification entitled him to act as a qualified assistant. District Justice: So far as I am concerned, Mr. Hickey has no qualification whatever. On the evidence before the Court I must hold he was not entitled to sell poison. I must also find against the owners of the shop. The Justice said that under the Section he must impose a fine of £5 on Mr. Hickey, with £3 3s. costs and £1 1s. expenses and he would allow four months to pay. On the company he imposed a fine of ten shillings, with £3 3s. costs and £2 2s. expenses.

COMPANY NEWS

KINGSWAY LABORATORIES, LTD. (P.C.).—Capital £100. Chemists, druggists, sundriesmen, manufacturers of and dealers in toilet requisites, proprietary articles, etc. Alfred L. Benzing, Ivor Raleigh, and Frederick T. Tipples, directors. R.O.: 7 Kingsway, London, W.C.2.

C. M. EVANS, LTD. (P.C.).—Capital £100. Chemists, druggists, druggists' sundriesmen, manufacturers of and dealers in proprietary articles, etc. Emily Evans and Christine M. Evans, M.P.S., directors. R.O.: Montauban Chambers, St. Annes, Lytham St. Annes.

IRISH MOSS MANUFACTURING CO., LTD. (P.C.).—Registered in Belfast. Capital £1,000. To acquire the business of manufacturing chemists carried on as the Irish Moss Manufacturing Co. A. Steede, Ph.C., and Mrs. Elizabeth Steede, directors. R.O.: 421 Antrim Road, Belfast.

DIVIDEND.—William Henry Johnstone, chemist, formerly a director of limited companies, Netherleigh, Oriental Road, Woking, Surrey; first and final dividend, 2½d. in the £.

PARTNERSHIPS DISSOLVED.—The partnership between Irene Grace Westwick and George Daniel Sanderson, manufacturing perfumers, Prince Road, South Norwood, London, S.E.25, under the style of Fayard Manufacturing Perfumes, was dissolved on May 1. The business will be continued by Irene Grace Westwick. The partnership between Eric Bert James, Irene Grace Westwick and George Daniel Sanderson, manufacturing perfumers and chemists, Prince Road, South Norwood, Surrey, under the style of E. James & Son, was dissolved on May 1. The business will be continued by E. B. James and Irene Grace Westwick.

Compulsory Winding-up.—In the Chancery Division, London, recently, Mr. Justice Simonds made an order for the compulsory winding-up of Broncig, Ltd., manufacturers of and dealers in medicated preparations, on the petition of M. Craps & Sons, Ltd., Great Titchfield Street, London, W., clothing manufacturers. Mr. C. A. J. Bonner, for the petitioners, said they were judgment creditors of the respondent company for £500, which was lent to the company and guaranteed by a Major Sanders. The money was not repaid, and plaintiffs obtained judgment against the company and Major Sanders.

Mr. W. A. L. Raeburn, for the respondent company, asked for an adjournment for fourteen days to enable the company to apply for a protection order under the Liabilities (War-time) Adjustment Act. There was evidence that the company had been unable to get raw materials owing to war restrictions and it had been unable to continue its activities. Major Sanders was the only effective director and he was in the Army. The company was making headway until the restrictions were imposed. It was indebted to Major Sanders in the sum of £1,000. Mr. Justice Simonds, in making a compulsory order, said he was not disposed to yield to the company's application for an adjournment at such a late hour. It was ten months since petitioners obtained leave to enforce their judgment.

TRADE NOTES

Fifth Novelty Competition.—An uncompleted Limerick forms the basis for the fifth in a series of novelty competitions arranged by the chairman of Moore Medicinal Products, Ltd., to popularise Brovon. Details will be found on another page.

Optabs Liquid Preparation.—Following their successes with Optabs eye-lotion tablets and eyecups, Optabs, Ltd., 24 Chapel Street, Bradford, Yorks, are introducing Astringent Eye Lotion Liquid. The new preparation is presented in 6-oz. bottles. Terms are given on another page.

Wool Alcohols.—Alcoholia lanæ, which is the subject of a monograph in the Sixth Addendum to the British Pharmacopoeia (see *C. & D.*, June 19, p. 627), is manufactured by and obtainable from Croda, Ltd., Croda Works, Rawcliffe Bridge, Goole, Yorks. An announcement by the makers appears on another page of this issue.

Proprietary Articles Trade Association

Additions to Protected List.—*Aimée Lloyd & Co.* (1933), Ltd. Lloyd's Euxesis latherless shaving cream, new size, 1s. 6d., 12s. doz., tax 4s. doz., inclusive retail price, 1s. 10d.

The Evan Williams Co., Ltd. Liquid soapless shampoo, 1s., 9s. doz., tax 3s. doz., i.r.p. 1s. 3d.

Alterations.—*Southall Bros. & Barclay* (1935), Ltd. Southall's compound malt and oil, 1-lb., 3s. 2d., 25s. 10d. doz.; 2-lb., 5s. 10d., 47s. 11d. doz. (exempt from tax).

A. Wander, Ltd. Wander brand malt extract with cod liver oil, 1-lb., 2s. 2d., 20s. 6d. doz.; 2-lb., 4s. 2d., 39s. doz. (exempt from tax). Prices of Wander brand malt extract unchanged.

PERSONALITIES

MR. and MRS. A. B. FROST, Clifton Lodge, Devonshire Avenue, Beeston, Notts, celebrated their diamond wedding on June 18. Mr. Frost was formerly in business as a wholesaler of chemists' sundries and surgical appliances.

MR. J. W. GEE, M.P.S., has been nominated by the Southport Pharmaceutical Committee to serve on the Insurance Committee in succession to the late Mr. W. H. Smith. At one time Messrs. Gee and Smith were in partnership.

SIR E. GRAHAM-LITTLE, M.D., M.P., in a letter published in "The Times," June 22, urged the appointment of a Royal Commission to examine the views of users (i.e. the public) and providers (i.e. the voluntary hospitals and doctors trained by them) of medical services before the Beveridge proposals are put into operation.

PRISONERS OF WAR.—News has been received that Mr. Thomas McKinstery, chemist and druggist, Georgetown Dispensaries, Malacca, is a prisoner of war in Singapore, and that Radio Officer Alan Stewart, son of Mr. J. Stewart, M.P.S., 16 Tealing Avenue, Cardonald, Glasgow, is a prisoner of war at Kawasaki Camp, Japan.

BIRTHS

THORBURN.—At the Galashiels Hospital, on June 17, the wife of Kenneth H. Thorburn, M.P.S., Exchange Buildings, Melrose, of a son.

MARRIAGES

AMOROSO—HORGAN.—At St. John-the-Baptist Church, Blackrock, co. Dublin, on June 17, Leonard F. Amoroso, 58 St. Alban's Park, Ballsbridge, to Doreen Horgan, Blackrock. Mr. Amoroso is associated with the agency in Eire of the Westminster Laboratories, Ltd.

DEATHS

BROOKER.—On June 11, Mr. Alfred William Brooker, M.P.S., London Road, Twyford, Berks, aged eighty-four.

BROWN.—On June 11, Mr. John Gilbert Brown, M.P.S., 74 London Road, Bognor Regis, aged seventy-one.

CHARLES.—On June 11, Mr. Thomas Charles, M.P.S., 38 Queen Street, Burslem, aged eighty-eight. Mr. Charles, who was the oldest chemist in Burslem, had been ill

for about a week. He was for many years a member of the Burslem Traders' Association, and also a Foundation manager of St. John's Schools.

HEPWORTH.—On June 7, Mr. John Stafford Hepworth, M.P.S., 22 Beacon Road, Loughborough, aged seventy-six.

SMITH.—Recently, Mr. George William Smith, formerly for forty-seven years with Boots Pure Drug Co., Ltd., Nottingham. For a long period he was manager of the company's traffic department.

RECENT WILLS

MR. THOMAS EARNSHAW EASTWOOD, 35 Cardigan Road, Bridlington, Yorks, late of Fairfield, Manchester, retired chemist and druggist, who died on July 2, 1942, left £12,320 gross, with net personalty £9,611.

MR. ROBERT ARCHIBALD BROWN, M.P.S., 323 Long Lane, Hillingdon, Middlesex, formerly of 118 Coronation Road, Sheerness Road, Sheerness, Kent, who died on February 9, left £4,314, with net personalty £3,077.

MR. EDGAR JAMES MILLARD, Grasmere, Chase Court Gardens, Enfield, London, N., late managing director of C. J. Hewlett & Son, Ltd., who died on March 17, left £13,529, with net personalty £13,338. Legacies included £100 to the Benevolent Fund of the Pharmaceutical Society.

RECENT RESEARCH

Virus Transmission by Injection.—Washing a syringe between uses for injecting consecutive patients was found by Bigger ("Lancet," April 10, p. 457) to be insufficient to remove all organisms from the instrument. The tests were carried out in a venereal disease clinic and resulted from the suggestion that jaundice in syphilitics receiving arsenicals might be due to the transmission of a virus from patient to patient. It was customary in the clinic to use the same syringe, fitted with a succession of sterile needles, for ten or more consecutive treatments. After each injection the syringe was washed thoroughly with sterile water and 1:1000 biniodide, five washings in all. As already mentioned, the washings were discovered to be not sufficient to remove all living organisms from the syringe, when these were present in the blood. A virus might thus pass from patient to patient in clinics where the same or similar techniques were used. The use of a freshly-boiled syringe for each patient is recommended.

EMPIRE AND FOREIGN NEWS

Quinine from Guatemala.—A 17,000-acre plantation of cinchona trees at El Provenir, that had been allowed to become neglected, has been put in order again and is providing quinine for the United Nations. The bark is shipped overland to the United States for processing by way of the Pan-American highway, from which the plantation is distant only six miles. It is anticipated that the trees will provide, in addition, to the quinine, seeds for further plantations to meet the needs of the Western Hemisphere.

Plastic Treatment for Burns.—A new plastic treatment for burns, developed at the University of Western Ontario Medical School, was used with "outstanding success" after a fire at a dance hall at St. John's, Newfoundland, in December 1942. The new burn treatment substance results from mixing a new polyvinyl alcohol with water, forming a viscous liquid to which a drug of the sulphonic group is added as an antiseptic agent. The new fluid forms a protective coating over the wound while permitting freedom of movement. University officials state that wounds treated with the new substance heal from five to forty days sooner than burns treated by other methods.

Canadian Toilet Industry.—Production by the toilet preparations industry in Canada was valued at \$10,155,763 in 1941, against \$8,305,916 in 1940 and \$6,918,573 in 1939, according to the Census of Industry branch of the Dominion Bureau of Statistics. Under the classification adopted the industry includes all establishments occupied chiefly in making perfumes, toilet waters, face creams, tooth-pastes, etc., but accounts for only about 70 per cent. of the Canadian output of toilet preparations, as a number of concerns in other industries make this class of goods as a minor or secondary part of their business. In 1941, eighty-eight establishments were affected, fifty-two being located in Ontario, twenty-eight in Quebec, three in Manitoba, three in British Columbia and two in Saskatchewan.

South African Pharmacists' Hours.—Since the middle of April a new law to regulate the hours of business for chemists and druggists throughout South Africa has been in operation. Under this law chemists' shops must now close at 1 p.m. on Saturdays and no longer open for an hour on Saturday evenings and at certain times on Sundays and holidays. This does not mean that chemists and druggists will no longer

be able to dispense urgent medicines out of business hours, for the night bell will still remain in use, or, if the chemist does not live beside his shop, it will still be permissible to telephone to his home for special medicines. Pharmacists feel that the new law has long been overdue, as little urgent dispensing has been done during the extra week-end hours. Week-end duties have meant that the chemist and druggist could not enjoy a clear week-end or public holiday. Frequently he has opened during such periods and had to deal with perhaps three customers, and in most cases they have required only shaving cream, soap, tooth-paste or cosmetics, all non-essential items that could have been obtained during normal shop hours.

Germicidal Lamps.—The effectiveness of a special type of ultra-violet lamp, whose radiations are considerably shorter than the shortest ultra-violet ray in summer sunshine, is claimed to have been proved, at least under special conditions, in tests conducted by the Hospital for Sick Children and the Department of Pediatrics, University of Toronto. In these tests an infant ward with accommodation for six babies, and containing as many open-doored cubicles, was set up. Six germicidal lamps were mounted around the cubicle entrances so that the light formed a narrow curtain across them. The incidence of infections (which were practically all of a respiratory nature and in the great majority mild cases) was compared with that in a similar room lacking the germicidal lamps and referred to as the control room. The results of the tests showed that the babies in the room equipped with ultra-violet light had fewer infections than those in the control room. In one nine-month period only five out of fifty-one babies cared for in the ultra-violet equipped room developed infections, against eleven out of twenty-six babies in the control room. During the second nine months, in which the control room was partitioned into six cubicles, with forty-four babies being cared for in the period, there were twenty-two cases of infection, against five in the room containing the lamps.

In Trafalgar Square.—Mr. S. T. Garland (general manager, Waste Paper Recovery Association) said: Uses of paper for actual munitions of war were daily increasing, and each week the amount of waste paper collected was many hundreds of tons below production needs.

DRUG SUPPLIES IN SOUTH AFRICA

THE South African Pharmacy Board at its April meeting accepted the report of a committee on drug shortages. The meeting was attended by representatives of the South African Medical Council and by the Controller of Medical Requisites. Nearly 50 drugs essential for medicinal purposes are reported not to be available in sufficient quantities for immediate or near future requirements. About ninety other drugs are not available in sufficient quantities but are not considered essential for medicinal purposes. A subcommittee was appointed by the meeting to draw up alternative formulas for British Pharmacopœia preparations affected by shortages of drugs in the two lists. It is recommended that medical practitioners should indicate in prescriptions when only the actual drugs mentioned, and not the more plentiful alternative, should be used. The list of essential drugs not available in sufficient quantities is being forwarded to the Controller of Medical Requisites with a recommendation that the drugs should be treated as items necessitating priority shipping.

Action by Pharmacy Board

The steps which the South African Pharmacy Board is taking to ensure that the country does not run short of essential drugs were referred to by the president (Mr. J. Christie) at a meeting of the Board in Johannesburg on April 19. The president revealed that a combined meeting of the Pharmacy Board and the South African Medical Council had previously been held to give consideration to the problem. It had been necessary to go into a number of practicable expedients, and it was finally proposed to introduce formulas as alternatives to a number of medical preparations and drugs that were unprocureable and for which the Pharmacy Board was prepared to authorise substitutes. In all the formulas the needs of the public were being served as fully as possible under existing difficult circumstances. The formulas have still to be submitted to the Department of Public Health, but the Department is likely to pass the bulk of them, it is understood. When approval has been given, the formulas will have the force of law. The Board has been to much trouble in preparing the substitute formulas.

Patented Preparations

It is understood that artificial shortages are being caused in some instances by the

operation of the South African patent laws. The laws favour the establishment of monopolies, and dissatisfaction has been expressed by chemical manufacturers and importers of therapeutic products that the provisions should apply to drugs. The contention is that firms capable of producing such drugs as sulphathiazole, of which they have stocks on hand, should in times of emergency be allowed to sell them for the alleviation of suffering in the Dominion. The possibility that, by the transfer of chemical and drug patents, the public might also be deprived of essential drugs was discussed at the annual conference in April of the Associated Pharmaceutical Societies of South Africa. It was stated that the patents for certain drugs previously held by enemy trading concerns had been transferred to South African companies, which had it in their power to prevent other chemical firms in the Union from manufacturing and marketing the drugs concerned. At present no such action had been taken by the local companies holding the patents, and there was no threat that they would do so, but it was considered possible that they might insist that all other companies handling chemical goods covered by their patents should operate under licence or royalty, and it was feared that this might lead to a rise in the prices of such chemical preparations. A resolution was passed expressing concern at the transfer of the patents and calling upon the Pharmacy Board to take up the matter with the Government. The following resolution was also passed: "This conference views with alarm the possibility that in war-time conditions the country may be deprived of essential drugs owing to the existence of patents, irrespective of their origin, which confine the import and sale of such drugs to certain channels. It is suggested that the system of compulsory licence under which the import and sale of such drugs would come within the open market should be extended."

Increasing Local Manufacture

Before the war, South Africa drew most of its supplies of drugs and other medical requirements from the laboratories of Great Britain, other European countries, and America. Men with European experience have recently been enrolled on the staffs of South African laboratories, and Witwatersrand engineering shops have successfully constructed complicated stills and filter machinery that could not be imported.

THE PRESIDENT'S ADDRESS TO BRANCH REPRESENTATIVES

The following is the text of the address given by the President of the Pharmaceutical Society of Great Britain (Mr. W. S. Howells) at the Branch Representatives' Meeting held in London on June 14.

At this session we have to consider the development of the pharmaceutical service as part of a general medical service. The Government have indicated that they will proceed to implement as soon as possible Assumption B of the Beveridge Report, which was "comprehensive health and rehabilitation service for prevention and cure of disease and restoration of capacity for work, available to all members of the community." The realisation of this Assumption alone, apart from any other aspects of Beveridge, will involve almost a revolution in the practice of medicine and the ancillary services and is not likely to be achieved quickly. Indeed the questions involved are so important both to the community as a whole and to the members of the professions concerned that it would be a grave error for the Government to allow itself to be stampeded. We can, therefore, I think, assume that we have ample time to work out the details of a pharmaceutical service but we ought fairly rapidly to get the main principles fixed.

The Council's Activities

The Society has been working at this problem for some years past. The Committee of Inquiry was established in October 1937, and issued its first report in May 1939. It issued a final report in October 1941. Since then the future development of pharmacy has been studied by the Council's Planning Committee and the Council has been in consultation with the Executive of the National Pharmaceutical Union and is about to open discussions with other pharmaceutical bodies. I have personally regretted that it has not been possible to give fuller publicity to the Council's activities, but it is necessary to strike a balance between a desire to keep the members informed and the dangers of releasing draft schemes which are still the subject of consultation and modification. I hope at this meeting to be able to strike a balance between these two considerations and to let the representatives and also the members generally know the line upon which the Council's thoughts are developing. This will enable the Council to benefit from the views of the

representatives, the Branches and the members, at a stage when our plans can be modified even in their essentials. You have had circulated to you a memorandum [*not yet available to the Press for publication*] prepared by the Council about which I ought to say a few words. It is not an agenda for this meeting, nor do I propose to select any of the individual items and submit them to you for discussion. The object of the document was to direct your thoughts to those aspects of the subject which seem to the Council to need special consideration. It was prepared primarily to help in the discussion this afternoon.

Elaborating a Policy

In my own remarks to you I want to outline the present disabilities under which pharmacy is practised in this country and to suggest a line for their solution. I want then to outline what the public will need from a general medical service and how those needs can be provided. Our task is to see how far the solution to pharmacists' difficulties and the needs of the public can be unified. Out of such a unification our policy will arise, and I shall have some proposals to make for this purpose. Let us now have a look at the disabilities of pharmacy as practised in this country today. They have been comprehensively reviewed in the reports of the Committee of Inquiry and I need only indicate them in outline. In doing so I have in mind mainly pharmacy as it is practised in shops.

The root of most of your troubles is the fact that there are more pharmacists than have so far been required, which means that in many pharmacies there is insufficient pharmaceutical work to enable a highly organised pharmaceutical service to be developed there. It means also that pharmacists generally do not derive an adequate remuneration from the practice of their calling and that the resources in most pharmacies are inadequate for stocking, equipping and developing the service. Another consequence is the encouragement given to the development of non-pharmaceutical business in pharmacies. A second marked feature of present-day retail pharmacy is the predominance of medicines

for sale over the counter which have been prepared and packed elsewhere and for which the pharmacist-distributor can accept little or no personal responsibility. A special feature of this state of affairs is the high and increasing proportion of turnover represented by the sale of proprietary medicines. For this the medical profession shares some responsibility. They as much as the public tend to become the victims of skilful advertising and sales propaganda.

Another factor is the increasing tendency for pharmacies to be owned by limited liability companies with their share capital predominantly held by people who are not pharmacists. This arises from the fact that pharmacy under present-day conditions offers a profitable and unrestricted field for the investment of capital, thus progressively impoverishing the proprietor pharmacist and making it increasingly difficult for him to fulfil his rôle in the community.

Knowledge and Skill

What changes are needed? I submit first of all that the pharmacist is needed today for all purposes for which his existence has been justified in the past. In particular, modern conditions tend to require to a greater extent than formerly that the pharmacist should employ his knowledge rather than his skill. In considering these changes we have to be realists, we cannot scrap existing conditions and rebuild from the foundation upwards. We can, I think, see in our national life as well as our pharmaceutical life that there is an increasing tendency towards centralisation and co-ordination. It is along that road that we must be prepared to see pharmacy go, but the speed of the advance is another matter. We ought not to allow ourselves to plunge into experiments the outcome of which cannot be foreseen. Our duty is to adapt what is best of the present to the needs of the future.

The three dominant factors I have described are, first the excessive number of pharmacists; secondly the increasing reliance of the public, the medical profession and pharmacy upon the ready made up medicines, and thirdly the increasing commercialisation of the profession. If these tendencies are to be checked or diverted into other channels we must, I think, visualise some form of centralised control over the practice of pharmacy greater than can be exercised at the present time either by The Pharmaceutical Society through its Statutory

Committee or by the Insurance Committees under their statutory powers. To put it in its simplest form, what pharmacy needs to check the present unfortunate tendencies is an authority able to prevent the opening of pharmacies for purely commercial reasons, to bring under control the unrestricted exploitation of the public's fear of ill-health, and to ensure that it is considerations of health and not considerations of dividend that determine the conditions under which a pharmaceutical service is supplied to the sick. At this stage in my remarks I will not further elaborate the precise machinery by which this control might be brought about. It will be sufficient if I have your support to the proposition that to cure the present disabilities of pharmacy we need a central controlling Authority with wider powers over the profession than any existing authority at present possesses.

Needs of the Public

Now let us turn to the pharmaceutical needs of a national medical service. We must bear in mind that such a service is to be universal—that is, it will apply to the whole of the population without limit of income. Also it will supply all medical, surgical and specialist treatment required. The first line will be, as at present, the family doctor, probably, as time goes on, working with other doctors in a Health Centre. He may be full-time or he may be part-time employed by the State. That we do not know yet. The patient will be free to change his doctor from time to time and, if he wants to, to consult a doctor not employed in the State service. If he chooses to do this the patient will, of course, have to pay the fees out of his own pocket. The specialist services will be supplied by surgeons and physicians in institutions and it is likely that there will be less freedom of choice. Probably a large number of specialists will be engaged full-time under the scheme. As we indicate in the memorandum which has been circulated to you, the development of the Health Centre is likely to be a feature of the scheme and the question will arise for consideration whether the services provided at the Health Centre should include a dispensary. Looking at this question from the points of view of convenience of the patient and the efficiency of the service, I think it is fair to say that in conditions as they are to-day it will be more convenient for the patient to be able to obtain the medicines he requires through existing pharmacies. They are conveniently

placed all over the country close to the people's homes. It must, however, be understood that the service offered at these pharmacies is as comprehensive and as efficient as the service which could be provided by a dispensary in a Health Centre.

A Comprehensive Service

The public will want a really comprehensive service including facilities to obtain medicines throughout the twenty-four hours and provision that in the units participating in the service there will be a full range of drugs and medicines including biological products such as sera and vaccines. The public will want also to be assured that the places are at all times competently staffed and adequately equipped. These, then, are in outline the pharmaceutical needs of the public under a national medical service and it will be the duty of the Ministry of Health to see that those needs are supplied. Clearly the Ministry would not secure this by a simple extension of the present N.H.I. system. The standard under that system is good but it is not what is required for a really efficient national scheme. The Ministry may require a greater measure of centralised control over the establishments where the pharmaceutical service is carried out.

Securing a Place for Pharmacy

At this stage you can see that, without straining the argument, we are led to the conclusion that, broadly, what pharmacy needs for its rehabilitation is what the Ministry of Health needs if it is to build an adequate pharmaceutical service upon the existing structure of pharmacy. I, therefore, propose to you that it should be along lines such as I have indicated and will further elaborate that we should strive to secure that pharmacy takes its place in the new health services. I support, first of all, the assumption that the existing facilities in pharmacy expanded, improved and brought up to modern standards can provide the whole of the non-institutional requirements of the public. The machinery I visualise for bringing this about is some form of Pharmacy Commission, predominantly pharmaceutical in its composition, acting under the Minister of Health. That commission would have the power, either by recommendations to the Minister or directly by delegation from him, to determine such matters as the following—

The conditions to be complied with by new contractors who in the future wish to participate in the scheme.

Standards for individual pharmacies including stocks, staffing and accommodation.

Hours of service and facilities for emergency deliveries.

The Pharmacy Commission would exercise some control over the freedom of local authorities and voluntary hospitals to develop out-patient dispensaries or to add dispensaries to Health Centres. It would, in fact, allocate facilities to needs in the light of geographical and population factors. A separate Commission might be necessary for Scotland and both Commissions would work through the medium of Committees representative of the contractors in the local health areas—which one assumes will be larger than the present Counties or County Boroughs. How far such a Commission would control the proprietary medicines or the development of chemists' shops where it was not intended they should participate in the national health service would be a matter for future consideration. Probably it would not be desirable to attempt to include powers to that end when the Commission began its work, but it would be inevitable that as the health services develop the existence of the Commission and the experience of administration which it would gain would undoubtedly give it increasing influence and point to it as the obvious agent of the State as further developments became necessary.

Standards for Efficiency

Let us examine for a moment in closer detail the situation that will exist when the new health service is established. Most dispensing by doctors will be brought to an end. Something like twice the present N.H.I. dispensing will have to be done directly through pharmacies. There will be a need for large dispensaries, more equipment and more staffs and this need pharmacists must be prepared to meet if they are going to show themselves fitted to carry out the new work. The Pharmacy Commission will undoubtedly impose standards which to some may prove to be irksome. These standards are, however, necessary for the efficiency of the service. They are also an insurance that the Ministry will not make use of existing contractors under the Insurance Act for so long as it suits its purpose and then, when finances permit, proceed with the development of dispensaries in Health Centres. Pharmacy must accept increased centralised control if it is going to find a place for itself in a new national service. It is my belief that by

increased centralised control pharmacy will solve many disabilities under which she is suffering at the present time. In other words, the welfare of pharmacy and the welfare of the community march in step. What is of overwhelming importance is to ensure that we do not let things drift. We must have some Authority within the ambit of the Ministry of Health which can adapt pharmacy to the needs of the public. That Authority must be predominantly pharmaceutical. If it is given comprehensive powers and uses them wisely I can see a more hopeful, a more useful and a more satisfying future for the ordinary pharmacist, but without some such centralised Governmental Authority I can see nothing but a continuance of the present unsatisfactory conditions under which most of us practice pharmacy with no permanent hope for our calling and no fully developed service for the public.

Problem of Remuneration

You will naturally ask what about the remuneration of the chemist for his services. My answer to that is that at this stage that is not a subject to be put in the forefront of our consideration of the problem. Clearly the pharmacist must be adequately remunerated for all the services which he gives. Clearly too, if he is to place his pharmacy at the disposal of the State as a unit in a universal health service his remuneration must take account of the mere fact that he provides the premises, but our first approach to this problem must be to decide what is the service that the public require and how we are to provide it. The remuneration must be dependent upon the scheme. It would be wrong to make the scheme dependent upon the remuneration. Beyond, therefore, saying that personally I do not consider the present N.H.I. method of remuneration either logical or sufficient, I would suggest that at this stage our conclusion with regard to remuneration under any new scheme must be that it must take account of the following factors:—

- (1) The overhead expenses of the business as a unit placed at the disposal of the Government by the proprietor.
- (2) Salaries and wages of the staff.
- (3) Cost of drugs.
- (4) The facilities for delivery and for providing an allocated part of a twenty-four hour service seven days a week.
- (5) A professional fee for the actual services performed.

Remuneration might, therefore, take the form of a retaining fee plus payment for work done or some other form, but let us decide the service first and build the remuneration on that. I ask you to approach the suggestions I have made as constructively as possible. I have deliberately not been too specific at the present moment and I can assure you the Council will welcome constructive criticism. May I now summarise for you the suggestions I have made:—

- (1) The existing facilities in pharmacy can offer to the public what is needed under a national medical service.
- (2) There must be established under the authority of the Ministry of Health a Pharmacy Commission to regulate those facilities including both chemists' shops and the dispensaries of public authorities and voluntary hospitals.
- (3) The new contractors should only be admissible to the extent that they are able to show that existing facilities are inadequate.
- (4) High standards should be laid down by the Commission for contractors to comply with.
- (5) Centrally and through its local agencies the Commission should be predominantly pharmaceutical.
- (6) The Commission would be responsible for advising the Government with regard to future developments within pharmacy and would become the natural channel through which the Government would bring about the development of the pharmaceutical service.

May I say finally that these proposals represent the beginning of a new road for pharmacy. They should enable pharmacy to develop more fully as a public service without losing its essential quality of personality—the individual contact between the patient or the doctor and the pharmacist of his choice. Within a wide framework of public control it leaves room for personal initiative and imagination and it opens the way for a logical development of pharmacy in step with the development of the medical services and the health services of local authorities. (*See Editorial, p. 657.*)

CLOSED ON SATURDAYS.—Advertisers and subscribers are reminded that owing to war conditions the Head Office of THE CHEMIST AND DRUGGIST, 28 Essex Street, London, W.C.2, is closed on Saturdays until further notice. Urgent instructions relating to advertising and subscriptions should be sent to the C. & D., 17 Argyle Street, Bath, Somerset.

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The fact that goods made of raw materials in short supply owing to war conditions are advertised in this paper or described in its editorial columns should not be taken as an indication that they are necessarily available for export.

The President's Plan for Pharmacy

THE Press was not admitted to the annual meeting of Branch Representatives of the Pharmaceutical Society of Great Britain, held in London on Whit Monday, June 14, and the official report of the proceedings issued by the Society will not be available for publication till next week. In the meantime we have been given a copy of the President's address to the meeting, which we publish in full in this issue (pp. 652 to 655). The speech dealt exclusively with the development of a pharmaceutical service within a national medical scheme as visualised under Assumption B of the Beveridge Report.

In his opening remarks the President briefly reviewed the disability under which pharmacy is practised today and indicated the means by which conditions might be remedied. He then went on to outline the kind of general medical scheme the public will require, an essential part of which would be an adequate pharmaceutical service. The President considered "that the existing facilities in pharmacy, expanded, improved and brought up to modern standards can provide the whole of the non-institutional requirements of the public."

He concluded his address by submitting for the consideration of the Branch representatives a scheme by which the existing structure of pharmacy could be organised under a Pharmacy Commission acting with the Ministry of Health so as to provide an efficient and economical pharmaceutical service.

Existing Facilities to be Developed

This was in fact the main proposal of the scheme. Pharmacists will function as they have done for some years past under National Health Insurance, but it is considered that for the purpose of direction and control the introduction of a comprehensive nation-wide service will call for the appointment of a Pharmacy Commission, predominantly pharmaceutical in composition, acting under the authority of the Ministry of Health, a similar Commission to be appointed for Scotland, and both Commissions to work through area committees. This is probably a realist view, but the proposal of setting up a Pharmacy Commission under the Ministry of Health calls for the fullest consideration and utmost vigilance by members and branches. An organisation with authority to set up and maintain a satisfactory standard of service, and with reasonable authority to organise and regulate establishments where the pharmaceutical service is carried out is desirable, and should be beneficial to both the public and pharmacy. *But the scope of authority of such a controlling body must be limited to its proper functions.* It would be highly dangerous simply to agree to the setting up of a Pharmacy Commission and leave its composition, duties and power to the Ministry of Health. Such a loose term of agreement might lead ultimately to all pharmacies and pharmacists coming under the direct and entire control of the Ministry. The duties of the Commission should be supplementary to the authority of the Pharmaceutical Society; they should in no way usurp the functions of the Statutory body.

Functions of the Commission

The President, in his speech, indicated some of the functions that might be performed by the Pharmacy Commission, such as enforcing standards of accommodation

and equipment of dispensaries, controlling stocks and staffing arrangements, hours of service and the provision of facilities for emergency requirements, and he pointed out that undoubtedly some of the standard requirements of the Commission might prove irksome, however necessary for the efficiency of the service. Wisely and reasonably applied such powers should be beneficial to pharmacy and the community it serves. Nevertheless there are questions that will need to be asked about the Commission's powers. For example, the dispensaries in most retail establishments will require improvement to provide a satisfactory service, but will the Commission lay down rules that will require wholesale structural alterations in the majority of pharmacies in order that, for instance, a separate entrance to the premises may be provided for the dispensary, or perhaps demand that the dispensary shall be housed apart from the pharmacist's business in other goods, such as toilet articles, cosmetics and similar goods? Will the pharmacist be permitted to dispense any one of a half-dozen brand-named proprietary products which may all be identical except in having different trade names, or will he be required to keep stocks of all of them? Another question that will need consideration is how far ultimately the Commission may seek to control the sale by pharmacists of proprietary medicines. Some control as regards claims made for these packed and branded medicines may in some instances be considered by the controlling authority to be desirable in the public interest, and in an exceedingly few isolated cases stronger action might be deemed advisable for the same reason. Whether the Commission is the proper body to exercise this control or whether it should be exercised by the Pharmacopœia Commission, by a medical authority, or by all three in concert, would have to be decided. It is a subject, however, that is not likely to be tackled till at least some time after the main scheme has got into running order.

Limitation of Contractors

The President's view that the Commission would control the acceptance of new contractors in the light of existing facilities

will receive general approval. If the number of pharmacists, acting as contractors under the scheme in any district, is considered adequate in all respects, then it would decline to approve new applications. In this way the number of pharmacies would be limited to a district's requirement. Provided, of course, that he gave a satisfactory service as a contractor under the scheme, the individual pharmacist would not have the constant fear that he might at any time have to meet unnecessary competition, often on unequal terms. Such a control would be based on economy of working and not as a restriction of the public's requirements and convenience. Certainly it should not be interpreted by contractors as a guarantee that they have the protection of a monopoly.

Remuneration Must be Adequate

On the subject of remuneration of chemists for their services under the scheme, the President defined some of the main headings for which adequate payment will be required. Beyond the five points mentioned he declined to go much further into this important matter. He did suggest, however, that part of the remuneration might take the form of a retaining fee. Obviously payment will have to be on a much better level than that at present made for N.H.I. dispensing. In this matter the point that N.H.I. payments are entirely inadequate for the services rendered cannot be emphasised too strongly, and certainly they should not be agreed to as a basis for calculating payments under the new scheme. Some individual proprietor-pharmacists may have to make structural alterations to their business premises, and the dispensing departments of most pharmacies will need to be extended and additional equipment purchased. The total outlay may in some cases be beyond the means of the proprietor and it would be helpful in these cases of hardship if a grant or loan could be made by the Commission, possibly acting with the National Pharmaceutical Union, to cover the whole or part of the cost of the work involved. As the President states, after the scope of service to be rendered under the scheme has been settled, the question of remuneration can then properly be dealt

th. We agree, provided this time it is kept well to the forefront that dispensing under the proposed national medical services scheme will be the predominant part of the pharmacist's business and livelihood.

Branch Representatives Approve

We are advised that the proposals were accepted by the Branch representatives without opposition. Backed by this authority of the Branch representatives we assume the Council of the Society will forthwith endeavour to secure the approval of their scheme by other pharmaceutical organisations so that their proposals may be submitted to the Ministry of Health at an early date. We would emphasise, however, that the scheme is much more likely to achieve its object if it is presented to the Ministry before the issue of the Government's White Paper. The proposals are sound and practical and aim at providing for the public an economical, convenient and efficient pharmaceutical service. Promoted on the lines indicated they should in the course of time lead to the rehabilitation of pharmacy and provide full scope for the application of the skill and knowledge of the pharmacist. By taking the initial step of submitting its own plan for official consideration pharmacy will have performed a useful service to the nation and will have put itself in a favourable position in the ensuing negotiations. It is for this reason that we say negotiations with other bodies should not be protracted or unduly delayed, otherwise the interests of pharmacy may once again suffer through lack of timely action. There is no reason to suppose that the scheme will fail to fit in with the Government's White Paper proposals. We anticipate that it will be welcomed as constructive and informed, but if it should encounter opposition it will be much more effective as an instrument of negotiation than as a document of counter-proposals.

Science and Politics

When the secretary of the Pharmaceutical Society pointed out, at the annual meeting recently, that the Society was a scientific and not a political body, he was deploring the intrusion of politics into pharmacy. Opinions for and against this view are often

held with some warmth, and it is not without its irony that a counterpart to the controversy is taking place in the correspondence columns of "The Times," where the subject that is being canvassed by a number of eminent chemists and physicists is how far science should encroach upon politics.

The position held by Sir Lawrence Bragg, Professor Findlay and Sir Robert Pickard is that "the claim that the scientist, as scientist, is entitled to some position of exceptional authority in deciding the policies of Governments, is one which cannot and should not be accepted in a democratic community." To this the answer of Mr. R. G. W. Norrish, writing from the University Chemical Laboratory, Cambridge, is that "the scientist has a contribution to make to the Government no less important than the contributions of the administrator, the economist, and the sociologist, and that it is only by co-ordinating the best brains and leadership in these different categories that a balanced government, able to cope with the problems of the present, and to plan for the future, can be achieved."

Rising Standards

There is perhaps not so much divergence between these viewpoints as at first sight appears. The crux of the matter is reached by associating the reference to a "democratic community" with Mr. Norrish's reference, elsewhere in his letter, to "social, economic and scientific factors so inextricably mixed up that to ignore any one of them in the constitution of the governing body would be disastrous." What makes life at once so attractive and so dangerous in modern democracies is its organic complexity. For either the standard of knowledge and expertness must be continually rising, both in the administrators and in the electorate, or the way is open for an unscrupulous group to secure power by exploiting the ignorance of the populace. It may be hoped that both controversies—the domestic pharmaceutical and "The Times" epistolary—are symptomatic and prophetic of the time when our leaders will be both informed administrators and wholly imbued with the scientific spirit.

NORTH BRITISH BRANCH

THE annual meeting of members of the Pharmaceutical Society resident in Scotland was held in Edinburgh on June 16, Mr. W. F. Hay in the chair.

The Year's Work

THE CHAIRMAN said he would take the opportunity of thanking members for the honour bestowed on him in re-electing him as chairman and for the support they had given him at all times. During the year the Branch had lost through death one of its younger members of Executive, Mr. James R. Sutherland, Dalkeith. They had also to record the death of Professor A. A. Boon, for many years teacher of chemistry in the Heriot-Watt College, and for several years a member of the Scottish Board of Examiners. Representation on the Council in London had been changed through the retirement of Mr. James Jack after a lengthy term, but Mr. Jack's services to pharmacy were not finished, as he had consented to stand on the North British Executive. Scotland had staked her claim to fill the vacancy on the Council, and the Executive's recommendation of Mr. Adam Meldrum, Aberdeen, had been accepted. It was whispered that Mr. Meldrum was doing exceedingly well in the South. Mr. Jack's resignation from the Council had left a vacancy on the Statutory Committee due to be filled by a Scot, and they congratulated Mr. Bennett on his appointment.

Pharmacists in Hospital Service

The Post-war Hospital Committee, which the Branch had appointed early in the year, had acted promptly and efficiently and had submitted its recommendations and suggestions in two memoranda (preliminary informative and supplementary) at the January meeting of the Executive, giving reasons for claiming participation in any Central body appointed to deal with the subject and for the position of the pharmaceutical chemist in hospital practice. The opportunity afforded pharmacists, by service in the Emergency Medical Service hospitals, to demonstrate their ability to function successfully in the various requirements of the hospital laboratory as well as in the dispensary, had been praised on several occasions by the Medical Supervisor.

The Scottish Central Pharmaceutical War Committee was continuing its work of discriminating between military and pharmaceutical service in the public interest,

and had now, through the Department of Health for Scotland, been able to get a census of pharmacists and employees in Scotland; this was proving extremely helpful.

Local War Committees

Local war committees were doing splendid work in submitting recommendations and in assisting the persons who were left to carry on. Single-handed pharmacies were numerous, particularly in country districts and when sickness came it was extremely difficult to get any one to take charge. The condition of things in small country districts was excusable, but it also prevailed in larger districts in which there were two or three chemists, and in the cities. This brought home the need that pharmacies should be run on a bigger scale, so that two or more qualified men could be employed in each. This could be brought about by thorough enforcement of the pharmacy laws as well as of the National Health Insurance regulations, where dispensing was required to be carried out under the immediate supervision of a qualified person. There were numerous instances in which one would have liked to have suggested the amalgamation of two shops, not for military reasons only, but for the betterment of the pharmaceutical service in the public interest and to improve the social outlook of the chemist. He offered no apology for this observation, and said that he had put it before the late Mr. John Rutherford Hill shortly after he qualified; Mr. Hill had said he was quite right but that it would "raise Cain" and could not be contemplated then, but since that time they had travelled a long way. Pharmacists were crying for shorter hours, and in contemplated legislation for health services a twenty-four-hour service was being suggested for pharmacy. Did not the remedy lie in the direction of larger pharmacies, better manned? The committees dealing with the report of the committee of Inquiry and the special committee on health services were still busy, and such matters as he had put forward were pertinent to their inquiry.

Meetings, Finance and Administration

Evening meetings had been addressed by Professor Gaddum, Edinburgh University, on "The Future of Biological Assays"; and on "The Stabilisation and drying of Digitalis Leaves" by W. M. Hughes and Professor James P. Todd; "Spiritus Aetheris

itrosi" by G. H. Macmorran, Ph.C., and "The Alkaloids of Delphinium Ajacis" by Matthew V. Hunter, Ph.D., Ph.C. Attendance at both meetings had been good. Membership of the Society in Scotland showed a decrease of forty-four, which was not surprising when about 300 members were serving with the Forces. The five Scottish Branches were continuing their activities. Expenditure for the year had amounted to £4,692, a reduction of £324; examinations had cost £2,161 against £2,463, a 626 reduction in all. The examinations had shown in each section an improved percentage of passes and the number of entrants was maintained, except in the Chemist and Druggist Qualifying examination, where there were too few candidates.

The Society's property had been maintained in good order and its appearance from the front had greatly improved. The office staff, wonderfully complete for war-time, had given excellent service. To the resident secretary, ever at their beck and call, they offered their appreciation. The chairman finished with thanks to his vice-chairman (Mr. Innes) for deputising during his enforced absence.

Discussion

THE CHAIRMAN explained that—as in the previous year—the Executive had followed the lead of the Council and refrained from holding an election. They had not been able on this occasion to do so on a suggestion of changing the hour of meeting to the afternoon, but hoped to be able to do so in future.

MR. TEASDALE, Edinburgh, said that at the previous meeting he had suggested that the annual meeting should be held in the afternoon instead of the morning. The number of apologies for absence proved that members were anxious to attend the meeting. He was glad to hear that the Executive had considered the matter and that an alteration of time was likely to take place. The belated decision of the Council to resume elections in 1944 had spared them further attack on this question to-day. He had followed the report in the discussion at the London annual meeting with great interest. The statements made by the president and by Mr. Linstead were not convincing, and did not show the Council in a very good light. He felt the age limit of the Executive was too high, and an infusion of younger blood was overdue. While it was necessary in their Executive and Committees for the impetuosity of youth to be guided and tempered by the experience of age, youth must be present to provide the driving force. He had repeatedly emphasised that their Council, their Executive, and the various committees of their Society must be bodies representative of all pharmacists. The addition of employee pharmacists would broaden the outlook and strengthen the policy of the Council, the Executive, and committees. In considering the pharmaceutical aspects of a national medical service they must be careful that no sectional interest dominated the decisions. Planning must not be the prerogative of the planning committee, but all pharmacists must be con-

sulted, and decisions must be ratified by a referendum. It was essential that both before and after the form of the new service had been decided upon they must work in close collaboration with doctors and other health workers. Dentists and nurses had benefited from close collaboration with the medical profession, and it was high time that pharmacists realised the value of such collaboration. This would be easier and become closer if pharmacy were practised in the same establishment as the other sections of the health service. Existing facilities could be made use of, subject to standards being sufficiently high, but to cover these requirements every pharmacy would require to be staffed by a minimum of two pharmacists; adequate and hygienic accommodation plus satisfactory equipment was essential; delivery facilities and a twenty-four-hour service were necessities. Health centres were coming and they must insist on the presence of a pharmacist at each one, whether local or divisional. The use of existing facilities by extension of N.H.I. services would only be a preliminary stage. As the Committee of Inquiry had stated—"only under public-service conditions can the pharmacist find full scope to exercise his calling and be remunerated upon a basis which takes into account his advisory function in addition to his function in preparing and supplying medicine."

THE CHAIRMAN thanked Mr. Teasdale for his excellent statement which had raised a number of delicate and controversial questions which he was afraid they had no time to discuss fully at the moment.

MESSRS. CULBERT, MILNE, PERRINS, MELDRUM, RITCHIE, CAMPBELL, IRONSIDE, MILLER, CLARK, GUTHRIE, JACK, and the RESIDENT SECRETARY also made contributions to the discussion, and it was pointed out to Mr. Teasdale that, if circumstances made it possible, there would be an election of Executive next year, when it would be for him to see that the electorate were as enthusiastic as himself and voted in the right direction.

On the motion of Mr. BOYD, seconded by Mr. TEASDALE, a vote of thanks was awarded to the chairman.

Meeting of Executive

A meeting of the Executive of the Branch was held in Edinburgh on June 16, Mr. W. F. Hay in the chair. There were present Messrs. Anderson, Arthur, Bennett, Culbert, Guthrie, Harley, Hay, Henry, Innes, Jack, Mair, Meldrum, Miller, Milne, Murray, Ritchie, and Walker. THE VICE-CHAIRMAN, on behalf of the Executive, welcomed Mr. Hay back after his recent illness, and expressed the hope that he would not overdo things in the future. MR. HAY said he was very pleased to be back, and thanked them for their good wishes. He thanked those who had visited or written to him during his illness. He also welcomed Mr. Jack back in his new capacity as a member of Executive. MR. JACK replied that he had made up his mind to retire but was pleased not to have made a complete break with the work of the Executive.

TRADE REPORT

Spot quotations for pharmaceutical chemicals, crude drugs and essential oils represent the prices for wholesale quantities of standard quality. C.i.f. quotations do not include marine war risk insurance and other abnormal charges payable in the present emergency

28 Essex Street, W.C.2, June 23

ANOTHER week of quiet but fairly steady business has been experienced in the London drug and chemical markets, with prices practically unchanged but maintaining a firm tone. Stocks of some important items remain low, due to lack of facilities for obtaining replenishments, but generally consumers' requirements are being fairly well satisfied. Recent developments in the Mediterranean may result in the course of time in a speeding-up of deliveries of produce from near East and further areas provided, of course, that shipping space is available to carry the goods and that import licences are granted. The past week has again been rather quiet as regards business done in PHARMACEUTICAL CHEMICALS and there are no developments calling for special comment. Prices are all maintained at previous levels.

Crude Drugs

Little of exceptional interest has occurred in this section during the past week. A fair number of inquiries has been dealt with, however, but very little actual business has resulted. Price alterations have been few and without particular significance. CAPE ALOES has again been in fair demand and some business has been done at unchanged prices. Supplies of ANTIMONY are still being reserved for essential requirements. Reasonable supplies of BELLADONNA ROOT and LEAVES may be had at prices which vary according to test. Many inquiries are being received for CASCARA SAGRADA but no supplies are visible and there are no offers from origin. Mombasa CHILLIES are steady at the higher level noted last week. Extremely quiet conditions obtain for ERGOT. GUM ACACIA is wanted but available supplies are poor. IPECACUANHA is firm at unchanged prices; details of an approved scheme for distribution were given last week (p. 636). Brazilian JALAP is quite firm. MENTHOL is rather less active but business continues to pass at high rates. Quiet conditions obtain for SEEDS with no price changes. Good-quality Alexandrian SENNA PODS are scarce. A new Order controlling SOYA FLOUR has been made by the Minister of Food (p. 664). TRAGACANTH continues in good request.

Essential Oils

No important changes have occurred in either essential or fixed oils during the week under review. Business generally remains quiet and of a routine character. ANISE (STAR) is in poor supply with rather higher figures mentioned for any available lots. Several requests are noted for CITRONELLA. English distillers' prices for CLOVE are unchanged. Small quantities of genuine African GERANIUM are available. Some business is reported in NUTMEG distilled from West Indian kernels. Chinese PEPPERMINT continues to change hands at high prices but the quantities involved are not large. Stocks of high-quality THYME are small. Only one price change has occurred among the SYNTHETICS and ISOLATES, a slightly lower figure being quoted for GERANYL ACETATE. Supplies of these items remain short and in some instances can be had for essential purposes only. BUTYRIC ACID is now being manufactured in England; esters from this material are also available.

Pharmaceutical Chemicals

ACETANILIDE.—Supplies are stated to be adequate. Price would be in the region of 2s. 5d. per lb.

ASPIRIN.—Makers' prices per lb. for lots of 28 lb. to 1 cwt. are as follows (containers in brackets): 4s. (1-lb.); 3s. 10½d. (4-lb.); 3s. 9½d. (7-lb.); 3s. 9d. (14-lb.); 3s. 8½d. (28-lb.). Prices are net one month.

BENZOIC ACID.—Obtainable at from 2s. 6d. to 3s. per lb., for essential pharmaceutical and medicinal purposes, according to quantity.

BISMUTH SALTS.—The two leading salts are quoted by makers as follows: CARBONATE.—Under 4 lb., 11s. 8d. per lb.; 4 lb.—8 lb., 11s. 2d.; 8 lb.—28 lb., 10s. 5d.; 28 lb.—1 cwt., 9s.; not less than 1 cwt., 8s. 9d. SUBNITRATE.—Under 4 lb., 10s. 3d. per lb.; 4 lb.—8 lb., 9s. 9d.; 8 lb.—28 lb., 9s.; 28 lb.—1 cwt., 7s. 10d.; not less than 1 cwt., 7s. 7d.

BROMIDES.—POTASSIUM is priced by makers at the following rates per lb. (containers in brackets): 3s. 5½d. (1-lb.); 3s. 3½d. (4-lb.); 3s. 2½d. (7-lb.); 3s. 2½d. (14-lb.); 3s. 1½d. (28-lb.). SODIUM, ¾d. per lb. extra; AMMONIUM, 2½d. per lb. extra; powder, 2d. per lb. extra. W.D.T.A. packing charge applies to packages of less than 1 lb.

DEXTROSE, B.P.—Details of current prices were given in the C. & D., June 12, p. 611.

GALLIC ACID.—In restricted supply at around s. to 8s. 3d. per lb.

GLYCERIN.—Small quantities are priced as follows: 56-lb. tins, 99s.; 14-lb. tins, 105s. per cwt., subject to 2½ per cent. discount, twenty-eight days.

HOMATROPINE.—Makers' prices per oz. are as follows (prices per gram in brackets): ALKALOID, 1 oz., 97s. 6d.; 4 oz., 92s. 6d.; 16 oz., 75s. 6d. (4s.); HYDROCHLORIDE, HYDROBROMIDE and SULPHATE, 1 oz., 75s.; 4 oz., 70s.; 16 oz., 65s. (3s. 2d.).

IODINE PREPARATIONS.—Prices per lb. for the home market are as follows: POTASSIUM IODIDE, B.P.—112 lb., 9s.; 28 lb., 9s. 6d.; 14 lb., 10s.; 7 lb., 11s. 6d.; 4 lb., 12s.; smaller quantities, 12s. 6d. SODIUM IODIDE, B.P.—28 lb., 9s. 11d.; 14 lb., 10s. 5d.; 7 lb., 12s. 2d.; 4 lb., 12s. 10d.; smaller quantities, 13s. 8d. IODOFORM, B.P.—28 lb., 12s. 10d.; 14 lb., 13s. 4d.; 7 lb., 15s. 6d.; 4 lb., 16s. 4d.; smaller quantities, 17s. 2d. IODOFORM CRYSTALS.—2s. per lb. above powder prices. IODINE RESUBLIMED, B.P.—112 lb., 10s. 4d.; 28 lb., 10s. 10d.; 14 lb., 11s. 4d.; 7 lb., 13s. 1d.; 4 lb., 13s. 9d.; smaller quantities, 14s. 6d.

MAGNESIUM OXIDE, LIGHT.—Home market prices per lb., for quantities of 28 lb. to 1 cwt. are as follows (containers in brackets): 2s. 8d. (1-lb.); 2s. 6½d. (4-lb.); 2s. 5½d. (7-lb.); 2s. 5d. (14-lb.); 2s. 4½d. (28-lb.). Prices net one month.

MAGNESIUM TRISILICATE.—Makers' prices per lb. for the home market, in lots of 28 lb. to 1 cwt., are as follows (containers in brackets): 3s. 6½d. (1-lb.); 3s. 5d. (4-lb.); 3s. 4d. (7-lb.); 3s. 3½d. (14-lb.); 3s. 3d. (28-lb.). Prices net one month.

MANDELIC ACID.—Prices for MANDELATES are as follows: SODIUM and CALCIUM—4 oz., 8 oz. and 1 lb., 22s. per lb.; 4 lb., 20s. 3d.; 7 lb., 18s. 6d.; 14 lb. (in 7-lb. packages), 16s. 9d.; 28 lb. (in 7-lb. packages), 15s. per lb., net. AMMONIUM (50 per cent. solution)—4 oz., 8 oz. and 1 lb., 11s. 9d. per lb.; 4 lb., 10s. 9½d.; 7 lb., 9s. 10d.; 14 lb. (in 7-lb. packages), 8s. 11½d.; 28 lb. (in 7-lb. packages), 7s. 11d. per lb. net. Packages extra and returnable.

METHYL SALICYLATE.—Makers' prices are as follows: Five cwt., 1s. 11d. per lb.; one cwt., 1s. 11½d.; smaller lots, in bottles, 2s. 1½d. per lb.

PHENOLPHTHALEIN.—Makers' current rates are as follows: Less than 7 lb., 4s. 6d.; 7 lb., 4s. 5d.; 14 lb., 4s. 4d.; 28 lb., 4s. 3d.; 1 cwt., 4s. 2d.

PILOCARPINE.—Makers' current prices per oz. are as follows: BASE, 1 oz., 27s.; 4 oz., 26s. 6d.; 25 oz., 26s.; HYDROCHLORIDE, 1 oz., 21s. 3d.; 4 oz., 20s. 9d.; 25 oz., 20s. 3d.; NITRATE, 1 oz., 18s. 6d.; 4 oz., 18s.; 25 oz., 17s. 6d.

SALICYLIC ACID.—Makers' prices per lb. for quantities of 28 lb.—1 cwt. are as follows (containers in brackets): 2s. 6d. (1-lb.); 2s. 4½d. (4-lb.); 2s. 3½d. (7-lb.); 2s. 3d. (14-lb.); 2s. 2½d. (28-lb.). Prices net one month.

TARTARIC ACID.—British makers quote 3s. 4½d. per lb., less 5 per cent. discount.

Crude Drugs

AGAR.—Kobe No. 1, for bacteriological purposes, remains at 65s. to 70s. per lb.

ALOES.—Moderate demand for Cape; spot, 70s. to 72s. 6d. per cwt. Curaçao, spot, 475s. per cwt.

BELLADONNA.—Indian root may be had on spot at the following prices: 0.44 per cent., 440s. per cwt.; 0.36 per cent., 390s.; 0.52 per cent., 480s. Indian leaf, spot, 4s. 9d. to 5s. per lb., according to test.

BISMUTH METAL.—High-grade metal, steady on spot at 6s. 3d. per lb., in minimum 5-cwt. lots.

CAMPHOR.—Quiet, with no changes in prices of the natural grades: Chinese, B.P., spot, 11s. 6d. per lb.; crude, 92 per cent., 10s.; Japanese slabs, 12s. Sales can only be made to approved buyers.

CARDAMOMS.—No alteration in recent values; business extremely quiet. Aleppy seed, spot, 6s. 6d. per lb.; shipment, 6s. 9d., c.i.f.; Aleppy greens, spot, 5s. 6d.; shipment, 5s. 9d.; split seed, spot, 5s. 6d. per lb.

CASCARA SAGRADA.—Many inquiries are being received but no spot stocks are traceable; no offers from origin.

CHAULMOOGRA.—*Hydnocarpus* oil, 1s. 3d. per lb., in bond Liverpool.

CHILLIES.—Mombasa are at the rather higher level of 115s. per cwt., noted last week; no offers of Zanzibar.

CLOVES.—Zanzibar, spot, 1s. 5½d. per lb.; to arrive, 10d. per lb., c.i.f. sellers.

DIGITALIS LEAVES.—Portuguese leaves may be had on spot at 135s. per cwt., ex store. English-grown leaves, in less plentiful supply, steady at 2s. 6d. per lb.

DRAGON'S BLOOD.—The only variety available is dull Zanzibar drop, for which £21 per cwt. would be wanted.

GUM ACACIA.—Demand is good but spot supplies are short. Kordofan cleaned sorts, spot, 110s. per cwt.; near-at-hand parcels, 87s. 6d., landed terms. Bleached, for shipment, 130s. per cwt., c.i.f.

HENBANE LEAVES.—Spot, Indian leaves, 200s. to 300s. per cwt., according to quality.

IPECACUANHA.—Firm at unchanged prices. Matto Grasso, spot, 21s. 6d. to 22s. per lb., Minas, B.P., spot, 18s. 6d. per lb., if available; under B.P. standard, 17s. 6d. per lb. Shipment offers are very infrequent. Current prices of EXT. IPECAC. LIQ. are as follows: Winchester, B.P., 1932, under three, 30s. 6d. per lb.; three and under six, 30s.; six and under twelve, 29s. 6d.; twelve and over, 29s. B.P., 1914, under three, 28s. 6d.; three and under six, 28s.; six and under twelve, 27s. 6d.; twelve and over, 27s. per lb.; all prices quoted are on a net basis.

MENTHOL.—In moderate demand with spot business done in Chinese at 95s. per lb. Some holders are reported to be asking even higher prices.

MERCURY.—Values are controlled at £68 10s. to £69 15s. per bottle for lots of over 7 lb.

ORANGE PEEL.—Some good-quality thin machine-cut may be had on spot at 4s. 3d. per lb., and some rather darkish at 4s.; bitter quarters are quoted at 3s. 3d.

PEPPERS.—Maximum prices of whole, not picked over or cleaned, on sale to processors, are 1s. 4d. per lb. for white, and 1s. per lb. for black, both duty-paid.

RHUBARB.—Demand continues fair with business being done at the price ruling recently. Spot, rough-round, 7s. 6d. to 8s. per lb.; flat high-dried, rough-coat, 8s.; Shensi, small round, 10s.

SEEDS.—Quiet conditions have prevailed in this section for several weeks past and recently-quoted prices are unchanged. **CORIANDEr.**—Indian offered at 95s. per cwt., sellers. **CUMIN.**—Maltese, spot, 125s.; Indian, 115s.; English, 150s. **DILL.**—Quoted at 180s. **FENNEL.**—Nominal at 95s. **FENUGREEK.**—May be had at 90s. **MUSTARD.**—Controlled prices are unchanged.

SENNA.—Good-quality Alexandrian pods are scarce, but some medium grades may be had at 3s. 9d. to 4s. per lb. Tinnevely leaves, No. 1, 9d. to 10d. per lb.; No. 2, 7d. to 7½d.; No. 3, 5½d. to 6d. Alexandrian broken, 1s. 3d. to 1s. 4d. Good hand-picked Tinnevely pods, 11d. to 1s. 5d.; ordinary grade, 10d. to 11d.; manufacturing, 6d. to 7½d.

SOYA FLOUR.—The Minister of Food has made a new Order controlling soya flour, the effect of which will be to prevent pre-packing after June 30. Holders of stocks will be granted adequate time in which to dispose of their holdings, but subsequently the flour will be used primarily by manufacturers, although for the needs of vegetarians, etc., a quantity of loose soya flour will in due course be available. After June 30 soya-flour mixtures, the manufacture and pre-packing of which have been authorised by licences granted under the Soya Flour (Control and Maximum Prices) Order, 1942, will be subject to the provisions of the Manufactures and Pre-packed Foods (Control) Order, 1942, and new licences under the latter Order will be required by existing licence holders. Wholesalers and retailers will have until August 24 to dispose of soya-flour mixtures not manufactured or pre-packed in accordance with such a licence.

TRAGACANTH.—A good inquiry continues to be experienced. Prices of the principal medium grades are steady as follows: No. 1, white, £130 per cwt.; No. 2, white, £115; No. 3, white, £102; No. 4, white, £83; pale leaf, £73; amber leaf, £65; dark amber, £50; brown leaf, £45; red-and-brown leaf, £38; red leaf, from £32; light hoggy, from £17; woody and dark hoggy, £12.

WAXES.—**BEES'.**—Supplies can be obtained only through the Association of Merchant Distributors of Beeswax. **CARNAUBA.**—Firm but unchanged. Fatty grey and chalky grey, spot, both 430s. per cwt.; Primeira, 520s., nominal.

Essential and Expressed Oils

ANISE (STAR).—It is doubtful if either drums or cases would be available at under about 60s. per lb.

CEDARWOOD.—English, spot, about 16s. per lb.; imported, if available, 8s. to 9s. per lb.

CINNAMON LEAF.—Spot supplies would be small; price, if available, about 15s. 6d. per lb.

CITRONELLA.—In good demand but supplies are not plentiful. Java, spot, 24s. per lb.; Ceylon, 21s. to 22s.

CLOVE.—English distillers' prices remain at about 14s. per lb. Imported oil would be cheaper, according to grade.

COCONUT.—Fixed prices for bulk quantities are as follows: Refined deodorised, £49 per ton; refined hardened deodorised, £53, naked ex works.

COTTONSEED. Fixed price for bulk supplies of refined edible is £57 per ton, and for refined deodorised, £58 per ton, both naked ex works.

CROTON.—Quoted at 9s. 6d. per lb. on spot.

EUCALYPTUS.—Limited supplies may be had on spot at about 5s. 6d. to 5s. 9d. per lb. for 70 to 75 per cent. oil.

GERANIUM.—Small lots of genuine African oil may be had at about 80s. to 85s. per lb.

GINGERGRASS.—Dealers' spot price for small quantities would be about 22s. 6d. per lb.

GROUNDNUT.—Refined deodorised, £58 per ton; refined hardened deodorised to 40°, £62; refined hardened deodorised to 50° to 52°, £63, all naked ex works.

LAVENDER.—Good-quality oil, spot, about 90s. per lb.

LEMONGRASS.—About 15s. to 16s. per lb. would be wanted for spot oil.

NUTMEG.—Reasonable business passing in oil prepared from West Indian nutmegs at about 42s. per lb.

PALM.—Refined deodorised is officially priced at £55 per ton; refined hardened deodorised, £58 per ton, both naked ex works.

PALMAROSA.—Only small lots would be available on spot at from about 32s. 6d. to 35s. per lb.

PALM KERNEL.—Refined deodorised is officially quoted at £49 per ton, naked ex works; hardened refined deodorised, £53.

PEPPERMINT.—Demand good but spot supplies are exceedingly difficult to find. Business is reported done in Chinese oil at 95s. per lb.

PETITGRAIN.—Small spot supplies would be worth about 25s. per lb.

ROSEMARY.—In small compass on spot at around 16s. per lb.

SPEARMINT.—Price of any available supplies of spot oil would be in the region of 40s. per lb.

SPIKE.—Current spot value would be in the region of 32s. 6d.

THYME.—High-quality, on spot, is valued at about 25s. per lb., but supplies are short.

TRADE MARKS

From the "Trade Marks Journal," May 26)
QUINTAS"; for pharmaceutical preparations
 (5). By Silten, Ltd., 14 Weedington Road,
 London, N.W.5. B622,482 (Associated).

STERUCID"; for pharmaceutical preparations
 (5). By British Schering, Ltd., 185-90
 High Holborn, London, W.C.1. 622,799.
POLO under design of polo player; for
 razors and blades (8), leather and imitation
 leather goods (18), and for combs, sponges,
 etc. (21). By B. Pearlman & Co., Ltd.,
 9-13 Redchurch Street, London, E.2.
 621,931; 622,140; 621,932 (All Associated).

(From "The Trade Marks Journal," June 2)
OXENE"; for methanol (1). By Bailey Metters
 & Controls, Ltd., Progress Way, Purley
 Way, Croydon, Surrey. 622,416.

LEXIL"; for food preservatives (1). By Croda,
 Ltd., Rawcliffe Bridge, Goole, Yorks.
 622,898.

SAPOFORM"; for soaps and cleaning prepara-
 tions (3). By Peter Lunt & Co., Ltd., Park
 Lane, Aintree, Liverpool. 621,707
 (Associated).

RONOL"; for soaps and cleaning preparations
 (3). By Ronuk, Ltd., Victoria Road, Port-
 slade, nr. Brighton. 622,662 (Associated).

BAROQUEZ surrounded by scroll design in-
 cluding shell; for soaps, perfumery, cos-
 metics, hair lotions and dentifrices (not
 medicated) (3). By E. G. Goebel, 12
 Charleville Court, Charleville Road, West
 Kensington, London, W.14. 622,488
 (Associated).

HI-DE-HO"; for non-medicated tooth-paste
 and shaving-cream (3). By J. E. Dearman,
 Willowcote, Stevenage Lane, Walkern,
 Stevenage, Herts. 622,920.

ATHOYL"; for liniment for human use (5).
 By E. Thwaites, The Battery, Portreath,
 nr. Redruth, Cornwall. 622,264.

INFLUCOL and **INFLUMIDE**"; for analgesic
 preparations and medicated tonic prepara-
 tions, all in liquid or tablet form (5). By
 G. W. Taylor, 40 Duncombe Street, Walkley,
 Sheffield. 622,579-80 (Associated).

KENIFIZZ"; for effervescent medicated bever-
 ages and preparations for making same (5).
 By Charles Kent (Products), Ltd., Hellfield,
 Hallam Street, Guiseley, nr. Leeds. 622,586.

DORMOSAN"; for sleep-inducing prepara-
 tions (5). **"SPEEDOX"**; for pharmaceutical
 preparations for eradication of corns (5).
"STOMOPAX"; for pharmaceutical prepara-
 tions for treatment of digestive disorders (5).

By Chemo-Plastics, Ltd., 17 Manchester
 Square, London, W.1. 622,836-38-41.

FORESTER BRAND surmounting oval picture
 of forester; for pharmaceutical preparations
 and substances (5). By Fairbank Kirby
 (Grimsby), Ltd., Ropery Street, Grimsby.
 622,901.

ACE"; for photographic apparatus and parts
 thereof (9). By Corner Croft, Ltd., Ace
 Works, Queen Victoria Road, Coventry.
 619,637.

(From "The Trade Marks Journal," June 9)
"PROTEX"; for chemical products used in
 science and photography; and for fire extin-
 guishing compositions (1). By May & Baker,
 Ltd., Dagenham, Essex. 622,128.

"WOTON"; for soaps, perfumery, essential oils,
 cosmetics, hair lotions and dentifrices, and for
 bleaching and cleaning preparations (3). By
 Wolverhampton Chemical Co., Ltd., Two
 Gates, Maidenhead Court, Maidenhead, Berk-
 shire. 620,535 (Associated).

Harp design; for non-medicated toilet prepara-
 tions or preparations for use in theatrical or
 film make-up (3). By L. Lechner (London),
 Ltd., 30-32 Acre Lane, London, S.W.2.
 621,974.

**Design of wheel supported on first finger of
 man's hand and emitting sparks, with words
 TRADE MARK**; for perfumery and non-
 medicated toilet preparations (3). By
 Dharam Singh Badwal, Westview, Skiddaw
 Road, Marton, Blackpool. 622,776.

"FONTA"; for perfumery and soaps (3). By
 Fontaine (Perfumes), Ltd., Toro Works,
 Chester Road, Castle Bromwich, Warwick-
 shire. 622,855.

"NORVEX"; for sanitary towels (5). By C. R.
 Crosskill & Sons, 20-22 Calvert Street,
 Norwich, Norfolk. 621,615.

"GONDEVAN"; for pharmaceutical prepara-
 tions and substances for human and veteri-
 nary use (5). By Evans Sons Lescher & Webb,
 Ltd., 20 Concert Street, Liverpool, 2. 621,814
 (Associated).

"UNTA"; for medicinal preparations (5). By
 P. S. Reid, 2 Stoney Road, Coventry.
 B621,847.

Facsimile signature "W. J. RENDELL"; for
 pharmaceutical preparations, medicinal pre-
 parations in the form of a bolus or mass for
 vaginal use; vaginal suppositories; germi-
 cides, disinfectants, sanitary towels and
 menstruation pads (5). **"W. J. RENDELL'S
 'WIFE'S FRIEND' SOLUBLE PESSARIES"** on
 label design including facsimile signature; for
 medicinal preparations in the form of a bolus
 or mass for vaginal use, and for vaginal
 suppositories (5). By Rendell, Ltd., 161-65
 Rosebery Avenue, London, E.C.1. 622,172
 622,173 (Associated).

"STOMATEX"; for pharmaceutical preparations
 for digestive disorders (5). **"FEZZOPEP"**; for
 pharmaceutical tonic preparations (5).
"ACORDINE"; for pharmaceutical prepara-
 tions (5). By Lewis & Melchior, Ltd., 3
 Robert Street, London, W.C.2. 622,421-
 422-507.

"CHEMOTHEUTIC"; for analgesic and sedative
 preparations (5). By G. W. Taylor, 40 Dun-
 combe Street, Walkley, Sheffield. 622,766.

**DRUG HOUSES OF AUSTRALIA EXPORT,
 LTD.**, are removing to 2 & 3 Norfolk Street,
 Strand, London, W.C.2, on June 26.
 Telephone: Temple Bar 1855.

PRICE LIST

OF MEDICINAL PROPRIETARIES SOLD OVER THE CHEMIST'S COUNTER

Item	Trade price per doz.	Purchase tax per doz.	Inclusive retail price each	Item	Trade price per doz.	Purchase tax per doz.	Inclusive retail price each
Ruscol	s. d. 60 0	s. d. 10 0	s. d. 8 6	Sanolen inhaler ..	s. d. 18 9	s. d. nil	s. d. 25 0
Ruthmol	18 0	3 0	2 3	tablets	20 0	3 4	2 9
Ru-Vive salts	108 0	18 0	13 6	Sanoram tablets ..	60 0	10 0	8 4
Rybaform	20 0	14 0	3 8	Sanovis	13 6	4 6	1 10
Rybathane	48 0	36 0	9 0	Sanovis	16 6	2 9	2 3
Rybar inhaler	71 0	54 0	13 6	Santron	8 6	1 6	1 1
Ryborex inhalant ..	15 0	2 6	2 1	Sanusin Sempules ..	19 0	3 0	2 9
Rybarvin inhalant ..	42 0	7 0	5 10	Sarcoptol	25 0	4 2	3 3
	148 0	nil	18 6	Sarevan	67 6	11 3	8 5
	60 0	10 0	8 4	Saridone tablets ..	32 0	5 4	4 4
	108 0	18 0	15 0		120 0	20 0	16 3
	60 0	10 0	8 4		8 0	1 4	1 1
	108 0	18 0	8 4		32 0	5 4	4 5
S					176 0	29 4	24 5
Sagradol emulsion ..	22 6	3 9	2 10	Sauerin capsules or liquid	20 0	nil	2 6
St. Germain tea	40 6	6 9	5 1		36 0	nil	4 6
St. James' balm	18 0	3 0	2 3	pessaries	28 0	4 8	3 11
	9 0	1 6	1 2	Schiffman's (Dr.) Asthmador ..	24 0	4 0	2 10
	11 3	1 11	1 5		38 3	6 4	4 6
Sal Alterata	22 6	3 9	2 10	Scholl's (Dr.)—bunion lotion			
Sal-Cholate tablets ..	30 0	5 0	3 11	callous salve			
	25 2	4 6	3 4½	chilblain lotion			
Salfoin salve	210 0	35 0	27 11	corn salve	10 6	1 9	1 5
	22 6	3 9	2 10	foot cream	12 6	4 2	1 10
Sal Hepatica	45 0	7 6	5 7½	massage cream	4 0	1 4	0 7
	11 3	1 10½	1 5		18 0	6 0	3 0
Salicairine solution	22 6	3 9	2 10	Sciargo herbs	11 0	1 10	1 8
tablets	22 6	3 8	2 10	Scleroveine	40 6	6 7	5 7
Salicylsin liniment ..	20 0	3 4	2 9½	Scott's (Dr.) pills ..	4 6	0 9	0 7
	36 0	6 0	5 0		11 0	1 10	1 5
ointment	14 0	2 4	1 11½		26 6	4 5	3 5
	24 0	4 0	3 4	Scott's emulsion ..	12 8	2 11½	1 6
Salinax	16 0	2 8	2 0		29 8	4 11½	3 6
	28 0	4 8	3 6		46 6	7 9	5 6
Sal Mineralis	10 0	1 8	1 5	Scuroform ointment ..	20 0	3 4	2 9
	24 0	4 0	3 4	SD2 cream	48 0	8 0	6 8
Salutrine salts	12 6	2 1	1 9	liquid	18 0	3 0	2 6
Samona tablets, 1 and 2	27 0	4 6	3 4½		36 0	6 0	5 0
	45 0	7 6	5 7½		63 0	10 6	8 9
Sanacine liquid tablets	10 10	1 9½	1 4	Sedaform capsules ..	20 0	3 4	2 9
	18 0	3 4	2 6	Sedin liquid	36 0	6 0	4 6
Sanamar	9 0	1 6	1 1½	tablets	16 6	3 0	2 0
Sanatogen	52 6	8 9	6 6		25 0	4 2	3 1
Sanitas	9 0	1 6	1 1½		49 0	8 2	6 2
	13 6	2 3	1 8½	Sedobrol tablets ..	16 0	2 8	2 3
powder	11 3	nil	1 3		40 0	6 8	5 7
Sanogyl paste	18 0	6 0	2 6		112 0	18 8	15 7
Sanoid boil treatment ..	6 0	1 0	0 11	Sedogastrine granules ..	22 6	3 8	3 0
hæmorrhoid treatment ..	19 0	3 2	3 4	tablets	40 0	6 6	5 3
ointment	4 10	0 10	0 8	Sedonan	18 0	3 0	2 3
Sanolen inhalant ..	40 0	6 8	5 7		31 6	5 0	3 11
	60 0	10 0	8 4	Sedormid tablets ..	22 0	3 8	3 1
					105 0	17 6	13 1
					198 0	33 0	24 9

Item	Trade price per doz.	Purchase tax per doz.	Inclusive retail price each	Item	Trade price per doz.	Purchase tax per doz.	Inclusive retail price each
	s. d.	s. d.	s. d.		s. d.	s. d.	s. d.
Belarom	18 0	nil	2 0	Solganal—			
54 0	nil	6 0		dragees gr. 1.540 ..	177 9	29 7½	22 2½
Perocalcin tablets ..	27 0	4 6	3 4½	B Oleosum ampoules			
Peroden capsules ..	20 0	3 4	2 9½	0.01 gm. ..	14 3	2 4½	1 9½
68 0	11 4	9 5½		0.02 gm. ..	16 6	2 9	2 1
Sevenses capsules ..	15 9	nil	1 9	0.05 gm. ..	20 3	3 4½	2 6½
29 3	nil	3 3		0.1 gm. ..	26 3	4 4½	3 3½
oil	13 6	nil	1 6	0.2 gm. ..	36 0	6 0	4 6
22 6	nil	2 6		0.3 gm. ..	45 0	7 6	5 7½
40 6	nil	4 6		0.4 gm. ..	56 3	9 4½	7 0½
concentrated				liquid ..	36 0	6 0	4 6
oil	15 9	nil	1 9	135 0	22 6	16 10½	
Shadforters	22 6	4 0	2 10	Soloid Eucalyptia com-			
40 6	6 6	5 0½		pound	10 6	2 0	1 4
Shadphos	15 9	2 6	1 11½	31 6	5 6	3 11½	
29 3	5 0	3 8		Solurol powder	45 0	7 6	5 7½
54 0	9 0	6 9		tablets	49 6	8 3	6 2
Shadspro	18 0	3 0	2 3	94 6	15 9	11 10	
31 6	5 0	3 11		Solution ST 37	10 0	1 8	1 5
Shurzine ointment ..	11 3	1 10½	1 5	16 0	2 8	2 3	
Siccolam	16 0	2 8	2 3	Solvex	24 0	4 0	3 3
28 0	4 8	4 0		Sol-Vit-Ax oil mixture	12 0	nil	1 6
90 0	15 0	12 6		18 6	nil	2 3	
Silf	11 3	1 10½	1 5	92 0	nil	9 3	
27 0	4 6	3 4½		Somnos	27 0	4 6	3 4½
Simpson's—				49 6	8 3	6 2½	
iodine arch-supports				94 6	15 9	11 10	
insole socks	18 0	6 0	2 6	62 0	3 8	3 1	
insole socks	12 7	4 2	1 9	24 0	10 8	8 11	
ointment	12 0	2 0	1 6	Sotol tablets	15 9	5 3	2 2
22 0	3 8	2 9		27 0	9 0	3 9	
soap	5 4	1 10	0 9	22 6	3 9	2 10	
iodised liniment ..	19 4	3 3	2 5	Spasmolyth			
lozenges	5 8	0 11	0 8½	Spasmopurin supposi-			
Sinapsolin	8 5	1 6	1 1½	tories	94 6	16 0	11 10
71 5	12 0	9 6		364 6	61 0	45 7	
Singha (Dr.)—				Spedrol	36 0	6 0	4 6
asthma tablets ..	13 0	2 2	1 8½	234 0	39 0	29 3	
26 0	4 4	3 4½		Sphagnol—			
43 0	8 2	5 7½		lotion	21 0	7 0	3 1
catarrh jelly ..	13 0	2 2	1 8½	ointment	9 4	1 6	1 2
children's tablets ..	26 0	4 4	3 4½	13 0	2 2	1 8	
65 0	10 10	8 5		37 0	6 2	4 7½	
Singleton's eye ointment	24 0	4 0	3 1	10 0	3 4	1 5½	
Sinuberase	14 5	2 5	1 9	suppositories	23 3	3 10½	2 10½
Siphuryl	27 0	4 5	3 4	veterinary ointment	9 0	1 6	1 1½
Skin tonic tablets B.G.P.	100 0	tax paid	12 6	27 0	4 6	3 4½	
Sloans liniment ..	16 0	2 8	2 0	51 0	8 6	6 5½	
Smedley's paste ..	15 0	2 6	2 0	12 0	1 11	1 8	
22 6	3 9	3 0		Spiranyl			
37 0	6 2	5 0		Spirobismol	54 0	9 0	6 9
Snowfire ointment ..	7 3	1 2½	1 0	Spirobismol SS }—	94 6	15 9	11 10
healing tablet ..	2 9	0 5½	0 4	ampoules	85 6	14 3	10 8
Socalac tablets ..	7 6	1 3	1 1½	liquid	22 6	3 9	2 10
with vitamin D ..	8 6	1 5	1 3	Spirogyl ointment ..	20 0	3 4	2 9
Solganal—				Spiroline	36 0	6 0	5 0
ampoules gr. 0.154 ..	14 3	2 4½	1 9½	96 0	16 0	13 4	
gr. 0.77	20 3	3 4½	2 6½	Staniform—			
gr. 1.54	26 3	4 4½	3 3½	dusting powder ..	11 3	1 10½	1 5
gr. 3.85	41 0	6 9	5 1	22 6	3 9	2 10	
gr. 7.72	69 9	11 7½	8 8½	ointment	11 3	1 10½	1 5
gr. 15.43	126 0	21 0	15 9	22 6	3 9	2 10	
dragees gr. 0.154 ..	60 0	10 0	7 6	36 0	6 0	4 6	
				9 0	1 6	1 1½	

Item	Trade price per doz.	Purchase tax per doz.	Inclusive retail price each
	s. d.	s. d.	s. d.
Staniform—			
lotion	15 9	2 7½	1 11½
suppositories ..	22 6	3 9	2 10
tablets ..	27 0	4 6	3 4½
	49 6	8 3	6 2½
Stannoxyll liquid	24 9	4 1½	3 1½
ointment	45 0	7 6	5 7½
tablets	54 0	9 0	6 9
Staphoids	36 0	6 0	4 6
Steedman's powders	21 0	3 6	2 9½
	23 0	3 10	3 0
	92 0	15 4	12 0
			0 1½ each
Stemat nasal balm	21 0	3 6	3 0
Stemcol	14 0	2 4	1 11½
	28 0	4 8	3 11
Steradent	9 0	2 11	1 3
	15 9	5 1½	2 2
Sterandryl ampoules			
5 mgm.	90 0	nil	10 0
10 mgm.	400 6	nil	44 6
25 mgm.	162 0	nil	18 0
	720 0	nil	80 0
	171 0	nil	19 0
	792 0	nil	88 0
Sterisalt ..	10 0	1 7	1 4½
	18 0	2 10	2 6
Stilbagen	27 0	4 6	3 3
	51 4	8 6	6 3
	189 0	31 6	22 6
Stimuloids	10 0	1 7	1 4½
Storaxol	12 0	2 0	1 8
Strenthoids	8 3	1 4½	1 4½
	16 6	2 9	2 9
Strenthol	21 0	nil	2 7
	40 0	nil	4 9
Stryphnon bandages			
½-in.	31 6	nil	3 6
1-in.	38 3	nil	4 3
2-in.	56 3	nil	6 3
nasal jelly	11 3	1 11	1 5
suppositories	36 0	6 0	4 6
Stuart's tablets	11 3	1 10½	1 5
	20 0	3 4½	2 6½
	36 0	6 0	4 6
Sucrets lozenges	10 8	1 9	1 6
Sudermo	40 6	7 0	5 1
	297 0	49 6	37 1½
ointment	13 6	2 6	1 8½
Sulfosin Leo 1%	46 6	8 0	5 10
Summer's pills	10 0	1 8	1 5
	24 0	4 0	3 4
Sunray cream	12 6	2 1	1 10
	20 6	3 5	3 4
Supavite capsules	43 6	nil	5 0
Super-D capsules	34 2	nil	4 0
	128 3	nil	15 0
oil	29 11	nil	3 6
Suppositories Antispasmodic ..	72 0	12 0	9 0

Item	Trade price per doz.	Purchase tax per doz.	Inclusive retail price each
	s. d.	s. d.	s. d.
Sure Shield fruit laxatives ..	1 10½	0 3½	0 3½
	5 6	0 11	0 10½
	10 6	1 9	1 8
Sustenoid tablets	4 3	nil	0 6
	10 0	nil	1 6
Syncortyl ampoules	94 6	nil	10 6
	189 0	nil	21 0
	337 6	nil	37 6
Syrup Minadex	22 6	3 9	2 10
	40 6	6 9	5 1
	180 0	30 0	22 6
T			
Tabengyl	21 6	3 6	3 0
Tabloid Coffee-mint	6 0	1 0	0 9
	15 9	2 6	1 11½
Emocin	9 0	1 6	1 1½
Empirin	114 9	19 0	14 4
	9 0	1 6	1 1½
	25 6	4 6	3 2½
Gingament	114 9	19 0	14 4
	6 0	1 0	0 9
	15 9	2 6	1 11½
Iodacin	69 9	11 6	8 8½
Pepana	40 6	7 0	5 1
	12 0	2 0	1 6
	37 6	6 6	4 8½
	168 9	28 0	21 1
Takazyma	22 0	3 8	3 0½
Tamar Indien	29 8	5 0	3 8
Tanjac	8 0	1 4	1 2
	14 0	2 4	2 0
Tannafox	6 9	1 0	0 10
	20 3	3 6	2 6½
Tanna Flavine	10 0	1 8	1 5
	44 0	7 4	6 1
jelly	8 0	1 4	1 1
	16 0	2 8	2 3
Tannex jelly	8 0	1 4	1 1½
	20 0	3 4	2 9½
Tannobalm	6 0	1 0	0 10
	20 0	3 4	2 9½
Tannol	12 0	2 0	1 8
	20 0	3 4	2 9½
Tar Dermament	16 0	2 8	2 2½
	40 0	6 8	5 6½
Tatula asthma cure	10 0	1 8	1 9
Taxoflor tablets	25 0	4 1	3 4½
	200 0	32 1	27 8½
Teasdale's chlorodyne	11 0	1 10	1 5
	27 0	4 6	3 4½
Tenebryl	45 0	7 4	5 7
Terpoflor capsules	27 0	4 6	3 4½
solution	22 6	3 9	2 10
Testanon tablets	38 3	6 5	4 3
	151 6	25 2	16 10
Testonic	63 0	5 0	5 5
Testonique	30 0	10 6	11 4½
Testoviron ampoules			
5 mgm.	90 0	nil	10 0
	400 6	nil	44 6

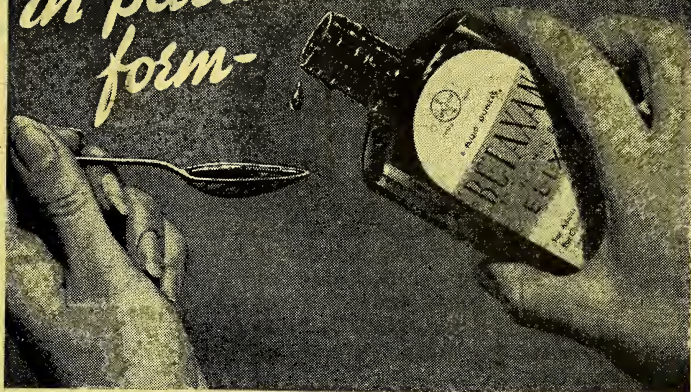
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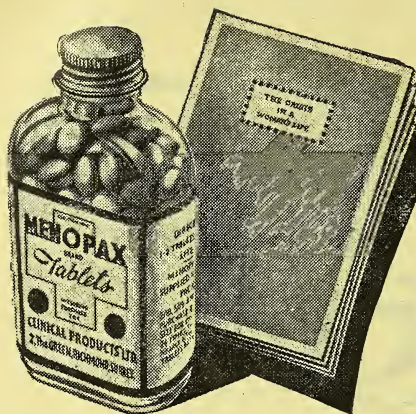
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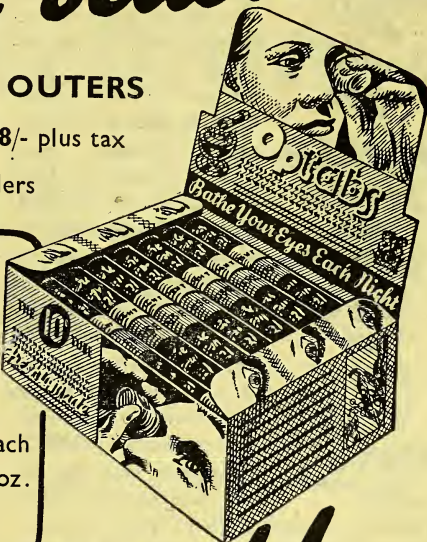
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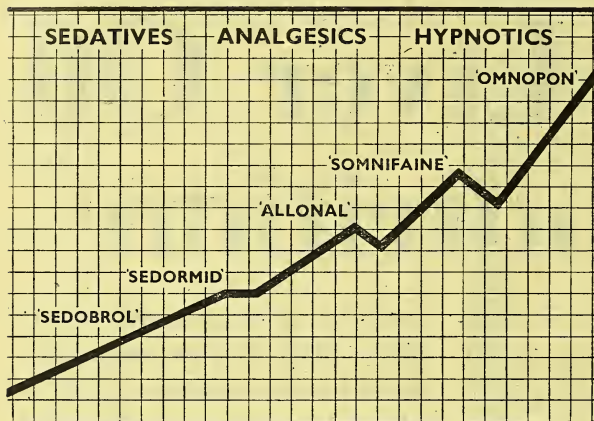
Since the outbreak of the war the Ministry of Food have taken steps, with their Cod Liver Oil Distribution Scheme, to ensure that adequate supplies are to-day within the reach of expectant mothers and young children.

But the Ministry of Food Scheme

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Abstract from 'British Medical Journal',
April 24, 1943, p. 509

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The CHEMIST AND DRUGGIST

SUPPLEMENT

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JUNE 26
1943

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BUSINESSES FOR SALE

Prospective purchasers with available capital, for businesses in various parts of Great Britain, Lancashire and District Representative:—
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7/6 for 40 words or less, 2d. for every additional word.

Employment of Women (Control of Engagement) Order 1942

With certain exceptions, women over 18 and under 41 years of age seeking Employment and Employers seeking to engage such women are now required to do so only through the local office of the Ministry of Labour and National Service or an approved employment agency.

RETAIL (HOME)

CHEMIST required for Pharmacy Department in modern store. Either sex, exempt military service. Salary up to £400. 433/873, London Office of this Paper.

DISPENSER for private practice wanted urgently by two doctors in inland town in Kent. Hall qualification preferred. Apply, stating age and experience, to 437/120, London Office of this Paper.

LONDON Co-operative Chemists, Ltd., require Branch and Relief Managers for vacancies in the Suburban areas. Chief Pharmacist, 54 Maryland Street, Stratford, London, E.15.

LOVELATT & BONES, LTD., High Street, Coventry, require the services of a Pharmacist. A lady over 41 or an elderly gentleman would be suitable for the position, which carries good remuneration and easy hours. Apply, Managing Director.

PHARMACIST. Qualified man or woman required for West End Departmental Store. Good salary and conditions. Apply personally, Staff Controller, Whiteleys, Bayswater.

QUALIFIED Chemist required to take charge of West-end Pharmacy. Permanency. Apply 416/298, London Office of this Paper.

QUALIFIED Manager (not elderly) for quick Dispensing business for the duration. Must be exempt. Busy Counter. Two women assistants. Hours 8.30 to 7.30. Two hours Sunday duty. Good references essential. State age, experience and salary required. Ashton & Co., 46 Dyke Road, Brighton.

QUALIFIED Manager, also Qualified Assistant, also experienced Unqualified Assistant, not liable for call up. Full particulars to W. E. Kirkman, Ltd., New Milton, Hants.

QUALIFIED Pharmacist, either sex, capable of taking charge, required. Minimum £7 per week. Also Unqualified Assistant. Walsall & District Co-operative Society, Ltd., Bridge Street, Walsall.

SOMERSET.—Qualified Pharmacist, quick, reliable and accurate dispenser, capable taking charge if required. Full particulars to 437/119, London Office of this Paper.

TAYLORS BRITISH CHEMISTS have vacancies for Qualified Managers and Assistants, male or female, in the Midlands and North of England. Apply, Retail Staff Department, Burley Hill, Leeds, 4.

TIMOTHY WHITES & TAYLORS invite applications from Pharmacists, male or female, for engagements as Managers of Branches at Evesham, Ruislip, Camborne, Sudbury (flat available), Dartford, Gloucester, Faversham, Truro and Cheltenham. Will arrange local interview if desired. Full particulars to Retail Drug Department, 70 Vauxhall Bridge Road, London, S.W.1.

WORKING.—Unqualified Assistant, male or female, for good Dispensing business. Easy hours. Good salary. Apply, 437/131, London Office of this Paper. £468 per year, plus extras—Pharmacist, exempt, required in about 2 months, for busy Midland pharmacy. Must be active and possess highest credentials, easy hours and no extra duties. 437/126, London Office of this Paper.

LOCUMS WANTED

LOCUM wanted. Fully Qualified (either sex), for 1 week June or July. Please state usual particulars. Stacey & Classey, 202 Kingston Road, Teddington, Middlesex.

LOCUM, fully Qualified, required for any two weeks August or September, take full charge of sma department, no Sunday duties, in Richmond. Apply giving full particulars and salary required, to Coppe Bros., Ltd., 16/18 Rutherford Street, Westminster S.W.1.

QUALIFIED Locum required for at least 4 weeks. Please state dates available. Period could be split. Walsall & District Co-operative Society, Ltd Bridge Street, Walsall.

WHOLESALE

A LEADING firm of Manufacturing Chemist (Essential Works), marketing Pharmaceutical Specialities, have a vacancy in their Production Division for a Qualified Pharmacist. Applicant must have good knowledge of modern large-scale manufacturing and package methods, ability to control labour essential. Write stating age, experience and salary required to 437/122, London Office of this Paper.

BIRMINGHAM, and twenty miles radius. Representative required to carry additional line—first-class advertised product, not a substitute—generous terms for sound Salesman, with strong retail and wholesale connexions. Send particulars and receive details. 437/118, London Office of this Paper.

CHEMIST, either sex, with experience in pharmaceutical work, required by a firm of Manufacturing Chemists, scheduled under the Essential Work Order in London. Salary about £350-400 p.a. Applications to C. R. Harker, Stagg & Morgan, Ltd Ennott Street, E.1.

MANAGER Wanted for Wholesale Chemist Sundries business South England. Full detail experience, age, salary to 438/134, London Office of this Paper.

MANUFACTURERS of first-class Pharmaceutical Preparations widely advertised, good selling lines, require three Representatives for following districts: (1) Hants, Wilts, Dorset, Somerset, Devon Cornwall; (2) South Wales; (3) Gloucester, Worcester, Warwick. Excellent prospects. 437/125, London Office of this Paper.

MANUFACTURING Chemist in South Wales requires the services of a Qualified Chemist for work in research laboratory. Previous experience in cosmetics and pharmaceutical preparation essential. Write fully, giving details of previous experience and qualifications, in confidence, to 437/124, London Office of this Paper.

PHARMACIST for London Wholesale House. To control D.D.A. records, and assist generally. All round trade experience desirable, and possess adaptability. Exempt military service. Applicant must state experience, salary expected, and enclose copies of testimonials. 424/559, London Office of this Paper.

QUALIFIED Chemist (British) exempt military service. Wanted by London firm of many factors. Veterinary knowledge useful, but not essential. Good prospects for right man. 436/992, London Office of this Paper.

REPRESENTATIVES or Agents with Retail or Wholesale connexions wanted to sell, on commission, two pharmaceutical products in good demand for regular market. Progressive prospect now and for post-war. State area covered an approximate frequency of journeys. Write, Manufacturer, 436/997, London Office of this Paper.

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SHORTHAND-TYPIST (female) required by Manufacturing Chemists, preferably with previous experience. Exempt call-up. Write, stating full details and salary required to Matthews & Wilson Ltd., 6-8 Cole Street, London, S.E.1.

APPOINTMENTS

COUNTY COUNCIL OF THE WEST RIDING OF YORKSHIRE

SUPPLY OF STORES, FURNITURE, ETC.

Applications are invited from persons and firms (particularly manufacturers) for permission to be placed on the list of persons and firms from whom the County Supplies Committee may from time to time invite quotations for various kinds of stores, such as Printing, Bookbinding, Motor Cartage, First-Aid Appliances, etc., Engineers' Tools and Stores, Ironmongery, Metals, Hardware, Furniture (school and office), Soap, Paper (various kinds), Manufactured Stationery, Office Sundries, Textiles, Clothing, Haberdashery, Timber (soft and hard), Boot Leather and Leather Goods, Brushes for cleaning, Chemicals, Drugs, Provisions. Applications must be made on the official form, copies of which (together with the standard conditions of supply) may be obtained from the Manager, County Supplies Department, Cliff Lane, Wakefield, Yorks.

Firms who have already applied and have received acknowledgment of the form need not make fresh application.

BERNARD KENYON.

County Hall, Clerk of the County Council.
Wakefield.

LONDON COUNTY COUNCIL

Pharmacists, men or women, holding certificate of Pharmaceutical Society of Great Britain, required at the following hospitals in the Public Health Department:—

PHARMACISTS AS ASSISTANTS TO OTHER PHARMACISTS

Dulwich Hospital, East Dulwich Grove, S.E.22.

Hammersmith Hospital, DuCane Road, Shepherd's Bush, W.12. (2 vacancies.)
St. Alfege's Hospital, Vanbrugh Hill, S.E.10.
St. Leonard's Hospital, Nuttall Street, Kingsland Road, N.1.

Southern Hospital, Dartford, Kent.

Salary £250-£10-£300, plus cost of living allowance, carrying total pay to approximately £285-319 for men and £276-£316 for women.

Preference given to applicants having (a) the higher qualification of pharmaceutical chemist; and (b) hospital experience. Forms of application (stamped addressed envelope necessary) obtainable from Medical Officer of Health (S.D.3), County Secondary School, Sydenham, Dartmouth Road, Sydenham, S.E. 26, to be returned by Saturday, 17th July, 1943.

LOCUM PHARMACIST required by MIDDLESEX COUNTY COUNCIL, at NORTH MIDDLESEX COUNTY HOSPITAL, EDMONTON, N.18, from 28/6/43-17/7/43 and 6/9/43-9/10/43. Salary, £7 7s. per week. Application stating age, nationality, qualifications and experience, and enclosing copies of not more than three recent testimonials to Medical Superintendent "24" of hospital. (Men must be not liable for military service; women must be not liable for national service.)

PHARMACIST at St. Andrew's Hospital, Billericay. Must be M.P.S. Salary £300 p.a. non-resident. Apply, Medical Superintendent, St. Andrew's Hospital, Billericay, Essex.

THE Emmet Distributing Co., Ltd., requires further full-time Representatives to introduce ethical nationally advertised line to chemists. Only fully-experienced applicants will be considered. Please send details in confidence to Emmet Distributing Co., Ltd., 7 Park Lane, London, W.1.

TYPIST (female) good at figures, required by Manufacturing Chemists. Exempt call-up. Write, stating full details and salary required, to Matthews & Wilson, Ltd., 6-8, Cole Street, London, S.E.1.

WELL-introduced Representatives for the Midlands, South Wales, Scotland, Lancs, and Southern Counties, calling on retail chemists and bigger ladies' hairdressers for a few first-class lines, wanted. Best conditions for suitable applicants. 437/132, London Office of this Paper.

WOMAN Perfumery Laboratory Assistant required by old-established London concern for blending and compounding oils. Specialized experience not essential. Excellent future, particularly post-war. Would consider part-time to commence. 437/125, London Office of this Paper.

SITUATIONS WANTED

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QUALIFIED experienced Lady Dispenser-Bookkeeper (Hall certificate), requires position with doctors in Devon. 437/127, London Office of this Paper.

WHOLESALE

CHEMIST, 25, B.Sc. (Honours), London, alien nationality, research and industrial experience, seeks suitable position in chemical or pharmaceutical industry. London area. 437/128, London Office of this Paper.

DISCHARGED soldier wants Progressive Agency for Northern England. Inman, 17 Montagu Drive, Leeds, S.

POST-WAR Planning Executive of leading Manufacturing House desires change where initiative and construction in marketing and sales is demanded. 437/117, London Office of this Paper.

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LARGE stocks of Talcum Powder Boxes, Face Powder Boxes, Mascara Boxes for sale. Samples and prices on application. Dr. Lister's Laboratories, 7 Park Lane, London, W.1.

RUBBER Rings, Bands, Washers, Wads, etc., for packing purposes. Limited quantity available. Various types and sizes. Apply with specimens of requirements to C. H. Goldrei Foucard & Son, Ltd., 63/69 Llewellyn Street, S.E.16.

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GARDINER MIXER and SIFTER or similar machine up to 200 lb. capacity, good condition, urgent. Tablet Machines, Rotary or Single Punch. Rotary preferred. Must be in good condition. Full particulars. 436/979, London Office of this Paper.

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GUM Sandrac required, small or large quantities. Offers to 432/865, London Office of this Paper.

LIQ. HAMAMELIS, B.P., required in quantities of 1 lb. and upwards. Please quote quantity available and price. 436/985, London Office of this Paper.

R. A.F. urgently require Leica and Contax Cameras. We guarantee to pass them on. Top prices given. Other Cameras, Enlargers, Cinecams, Projectors, Microscopes, Prism Binoculars, Drawing Instruments wanted. Wallace Heaton, Ltd., 127 New Bond Street, London, W.1. (May 7511). 47 Berkeley Street, 166 Victoria Street, or "City Sale" City Branches.

TABLET Machine wanted for one-grain tablets, rotary preferred with or without power unit, in any condition, good price paid. 436/998, London Office of this Paper.

URGENTLY wanted—high-grade Cameras of all types; Leica, Contax, Rolleiflex; also N. & G., Soho and best English types; Cine Projectors, Talkies. Best prices paid. B. Salter & Son, 34 Castle Street, Shrewsbury.

VERTICAL Mixer. State maker, pattern, capacity, and price to W. Stevens & Co., 78 Upper Richmond Road, S.W.15.

WANTED. Tins, 30 gross $\frac{3}{4}$ -oz., suitable ointment. Please quote price. CDB/174, London Office of this Paper.

WE offer high prices for surplus quantities of 1 drachm to 16 oz. Bottles, Jars and Boxes of similar capacity. With closures preferred. Offers to Gale & Mount (Industrial Salvage), Ltd., Carlton House, Lower Regent Street, London, S.W.1.

WE require bakelite or metal screw caps for bottles and jars. All sizes. Large and small quantities acceptable. Please send samples and full particulars to Reliance Trading Co., 1 Maresfield Court, 104 Finchley Road, London, N.W.3.

WITCH HAZEL (Liq. Ham. B.P.). Large or small quantities required from Manufacturing Chemists, Wholesalers or Retailers. Send for particulars to Chief Chemist, Optrex, Ltd., 17 Wadsworth Road, Perivale, Middlesex.

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EIRE.—Well organised Sales Agency with complete coverage throughout Eire, of wholesale and retail chemists and grocers, are desirous of handling one or two additional lines on a commission basis. Interviews will be arranged in England. Write Box 7555, Erwoods, Ltd., 30 Bouverie Street, London, E.C.4.

PATENTS

THE Proprietor of British Patent No. 520294, dated October 24, 1938, relating to "Food Product for Treatment of Infantile Diarrhoea," is desirous of entering into arrangements by way of a licence or otherwise on reasonable terms for the purpose of exploiting the above patent and ensuring its practical working in Great Britain. Inquiries to Singer, Ehrlert, Stern & Carlberg, Steger Building, Chicago, Illinois.

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ADVERTISERS with large and high-class connexions and many years experience in Essential Oils, would be interested to meet owner or owners of a pre-war Essential Oils business, with a view to fusion of complete interests, or the purchase of a part business either with the full co-operation of the present owner or owners or whilst present owner or owners absent on active service or work of national importance. Fullest enquiries offered and required. Write, in first instance, to DCL, 437/121, London Office of this Paper.

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EXPORT Merchants with connexions in British West Africa, Belgian Congo, Portuguese East Africa, Mauritius, Madagascar, Brazil, wish to hear from manufacturers with suitable lines available. Full particulars to C. Winther & Co., Ltd., Belgravia Chambers, Victoria Street, S.W.1.

LONDON Manufacturers of high-quality loop-ended cotton wool Sanitary Towels wish to contact Provincial Chemists and Druggists who would be interested to act as exclusive local retail agents. Other sundries available. Write, 437/115, London Office of this Paper.

BUSINESSES FOR DISPOSAL

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PROFITABLE Business for Sale (Drugs and Toilet Requisites), including Stock and Fixtures. Living accommodation; reasonable rent. Owner retiring. Redford, 97 Liverpool Road, Stoke-on-Trent.

TO Close a Trust and to Dispose of by Private Treaty. The old-established Wholesale Druggist's business and Wholesale Grocer's business, carried on by the late J. J. Booth at Idle, Bradford, including the freehold property. For further particulars apply H. M. Dawson, Solicitor, 1 Piccadilly, Bradford, or Messrs. C. F. Townend & Co., Accountants, 55 Tyrel Street, Bradford.

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ONE Lipstick Mould in new condition, for either 3 doz., each of 9 mm., or 11 mm., new design. £5. J. Harding, 11, Tyndale Avenue, Fishponds, Bristol.

BUSINESSES WANTED

7/6 for 40 words or less, 2d. for every additional word.

WHOLESALE Chemists Sundries business wanted. South England. Preliminary details to 437/133, London Office of this Paper.

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